

Table/Tower Schematics

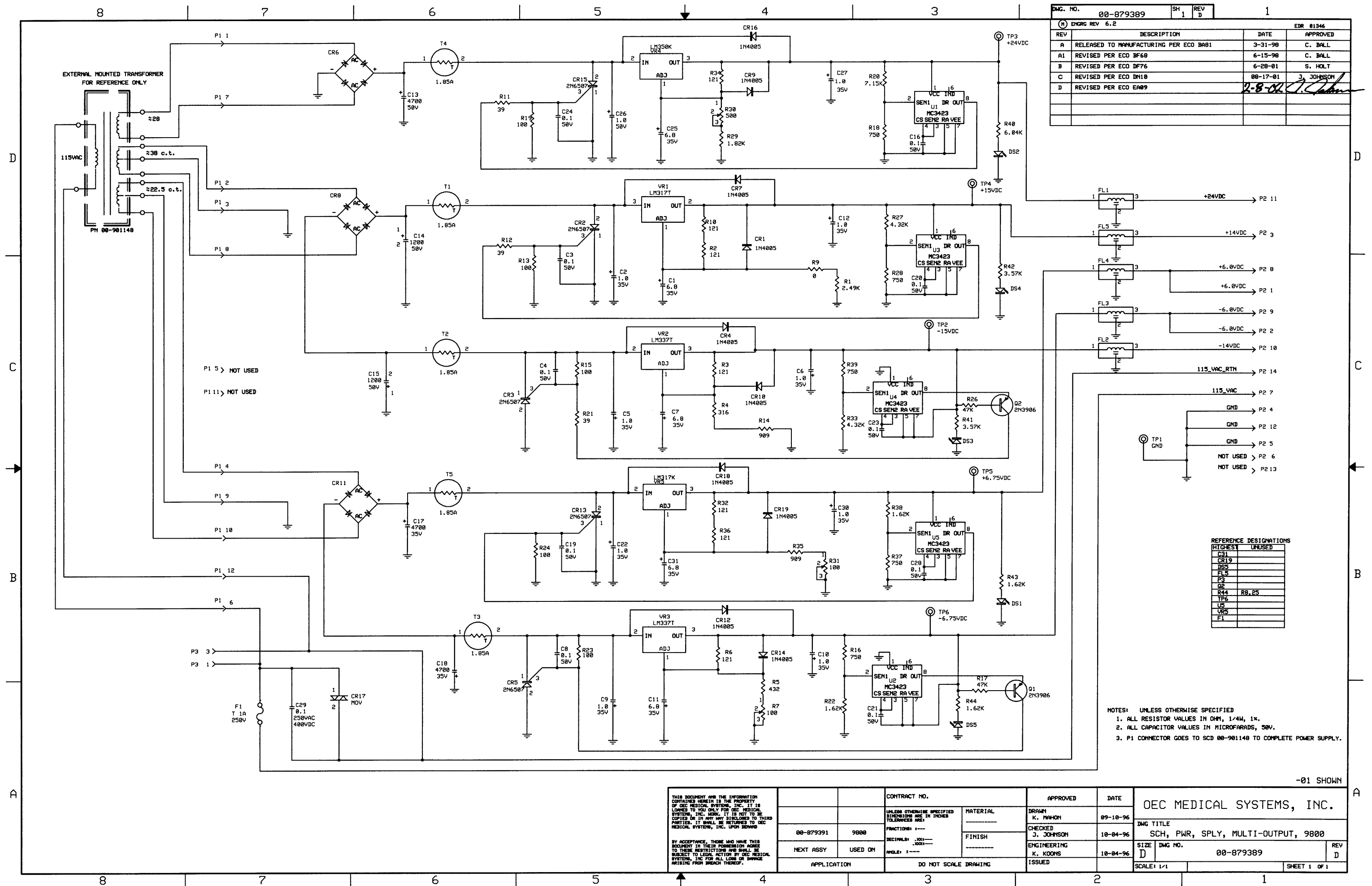
The following is a collection of schematics and annotated drawings for the major equipment in the Table/Tower Assembly. These items are arranged in numeric order by drawing number. Use the following alphabetic list to access a drawing by title. Click on the appropriate title or drawing number to view the drawing.

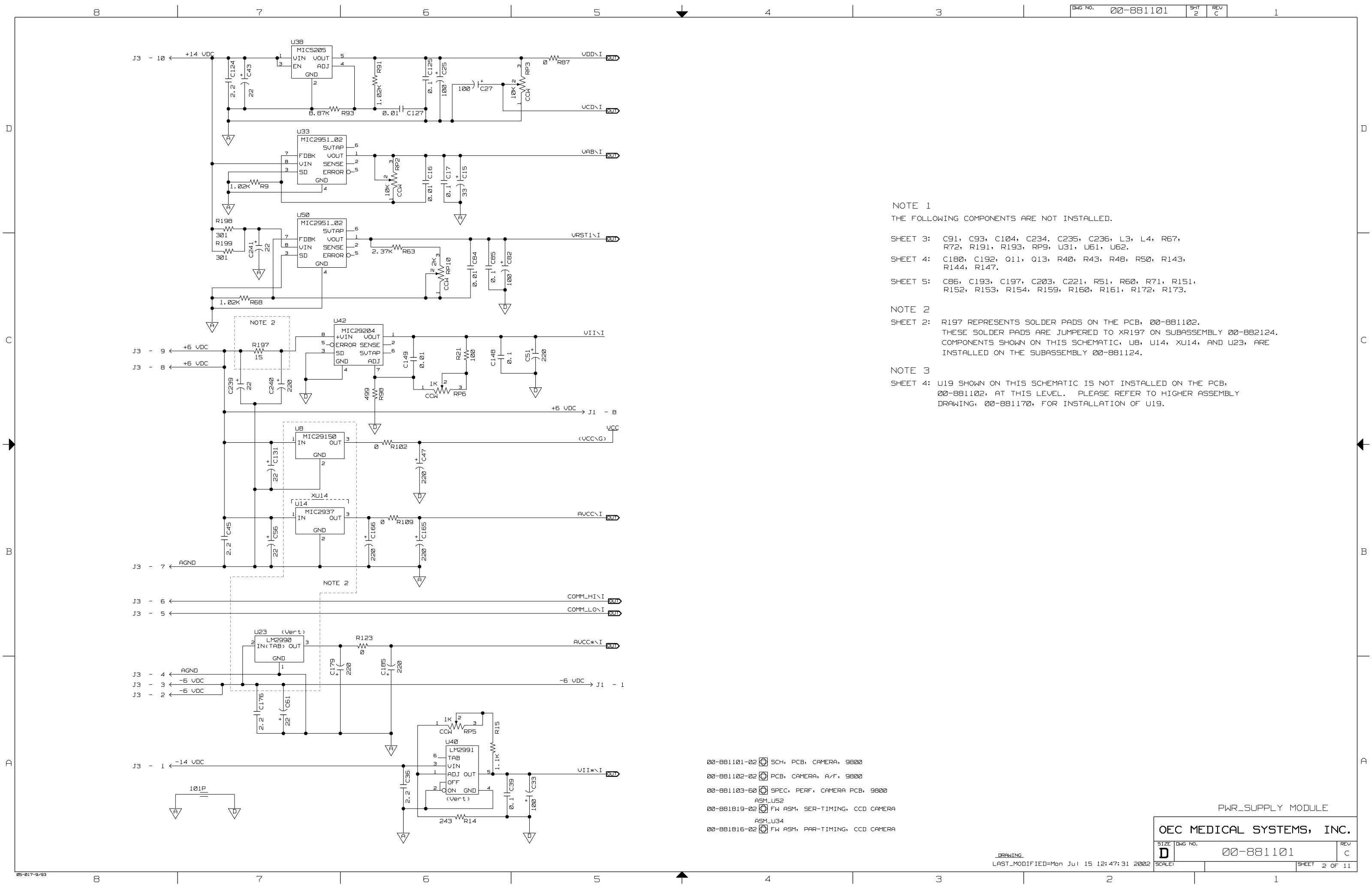
9800 CAMERA PCB.....	881101
BACKPLANE PCB.....	881738
CASSETTE BOX MOTOR.....	885021
COLLIMATOR INTERFACE PCB.....	881539
CONTACTOR BOARD.....	885018
EMERGENCY STOP.....	885016
FLURO FOOTSWITCH.....	885020
INTERCONNECT DIAGRAM.....	881504
MOTRON CPU BOARD WIRING DIAGRAM.....	885019
MOTRON CPU PCB SCHEMATIC.....	884216
MOTRON CPU PCB ANNOTATED DRAWINGS (FIRST BOARD).....	NR
MOTRON CPU PCB ANNOTATED DRAWINGS (CURRENT BOARD).....	NR
MOTRON DAUGHTER BOARD.....	884217
MOTRON FOOTSWITCH PCB.....	884218
MULTI OUTPUT POWER SUPPLY.....	879389
POWER DISTRIBUTION PCB.....	881570
RELAY BOARD.....	884219
TABLE BLOCK DIAGRAM.....	885015
TABLE DIGITAL PCB.....	884244
TABLE DIGITAL PCB INTERFACES.....	885026
TABLE GENERATOR INTERFACE PCB.....	881567
TABLE LONGITUDINAL MOTOR.....	885022
TABLE POWER SUPPLY.....	885025
TUBE SYSTEM MOTOR.....	885024

VERTICAL TILT MOTOR885023

X-RAY CONTROL IF PCB881564







NOTE 1
THE FOLLOWING COMPONENTS ARE NOT INSTALLED.

- SHEET 3: C91, C93, C104, C234, C235, C236, L3, L4, R67, R72, R191, R193, RP9, U31, U61, U62.
- SHEET 4: C180, C192, Q11, Q13, R40, R43, R48, R50, R143, R144, R147.
- SHEET 5: C86, C193, C197, C203, C221, R51, R60, R71, R151, R152, R153, R154, R159, R160, R161, R172, R173.

NOTE 2
SHEET 2: R197 REPRESENTS SOLDER PADS ON THE PCB, 00-881102. THESE SOLDER PADS ARE JUMPED TO XR197 ON SUBASSEMBLY 00-882124. COMPONENTS SHOWN ON THIS SCHEMATIC, U8, U14, XU14, AND U23, ARE INSTALLED ON THE SUBASSEMBLY 00-881124.

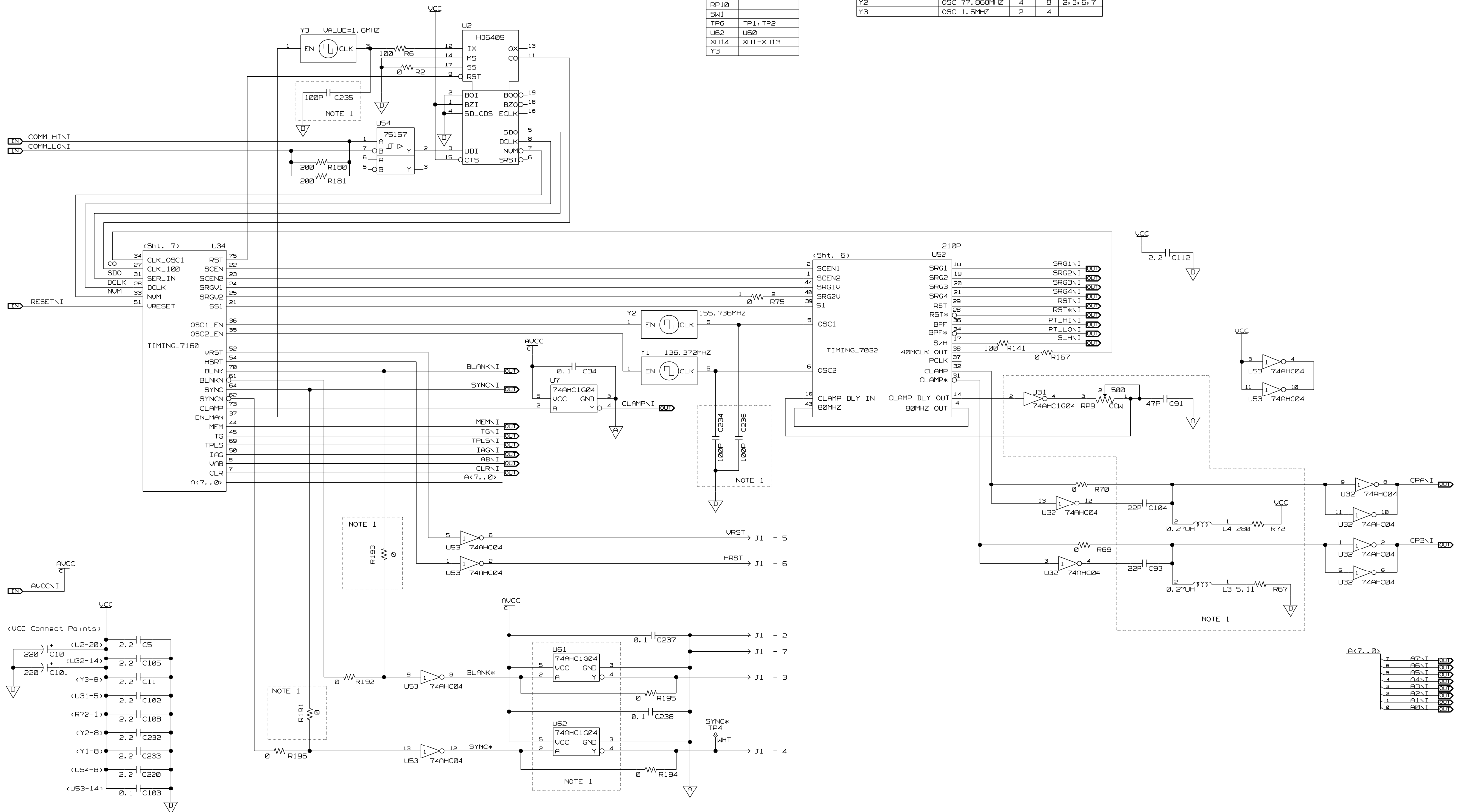
NOTE 3
SHEET 4: U19 SHOWN ON THIS SCHEMATIC IS NOT INSTALLED ON THE PCB, 00-881102, AT THIS LEVEL. PLEASE REFER TO HIGHER ASSEMBLY DRAWING, 00-881170, FOR INSTALLATION OF U19.

- 00-881101-02 SCH, PCB, CAMERA, 9800
- 00-881102-02 PCB, CAMERA, A/F, 9800
- 00-881103-60 SPEC, PERF, CAMERA PCB, 9800
- ASM_U52
- 00-881819-02 FW ASM, SER-TIMING, CCD CAMERA
- ASM_U34
- 00-881816-02 FW ASM, PAR-TIMING, CCD CAMERA

PWR_SUPPLY MODULE		
OEC MEDICAL SYSTEMS, INC.		
SIZE	DWG NO.	REV
D	00-881101	c
SCALE:	SHEET 2 OF 11	

REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
C242	
J3	
L4	
Q13	
R199	
RP10	
SW1	
TP6	TP1, TP2
U62	U60
XU14	XU1-XU13
Y3	

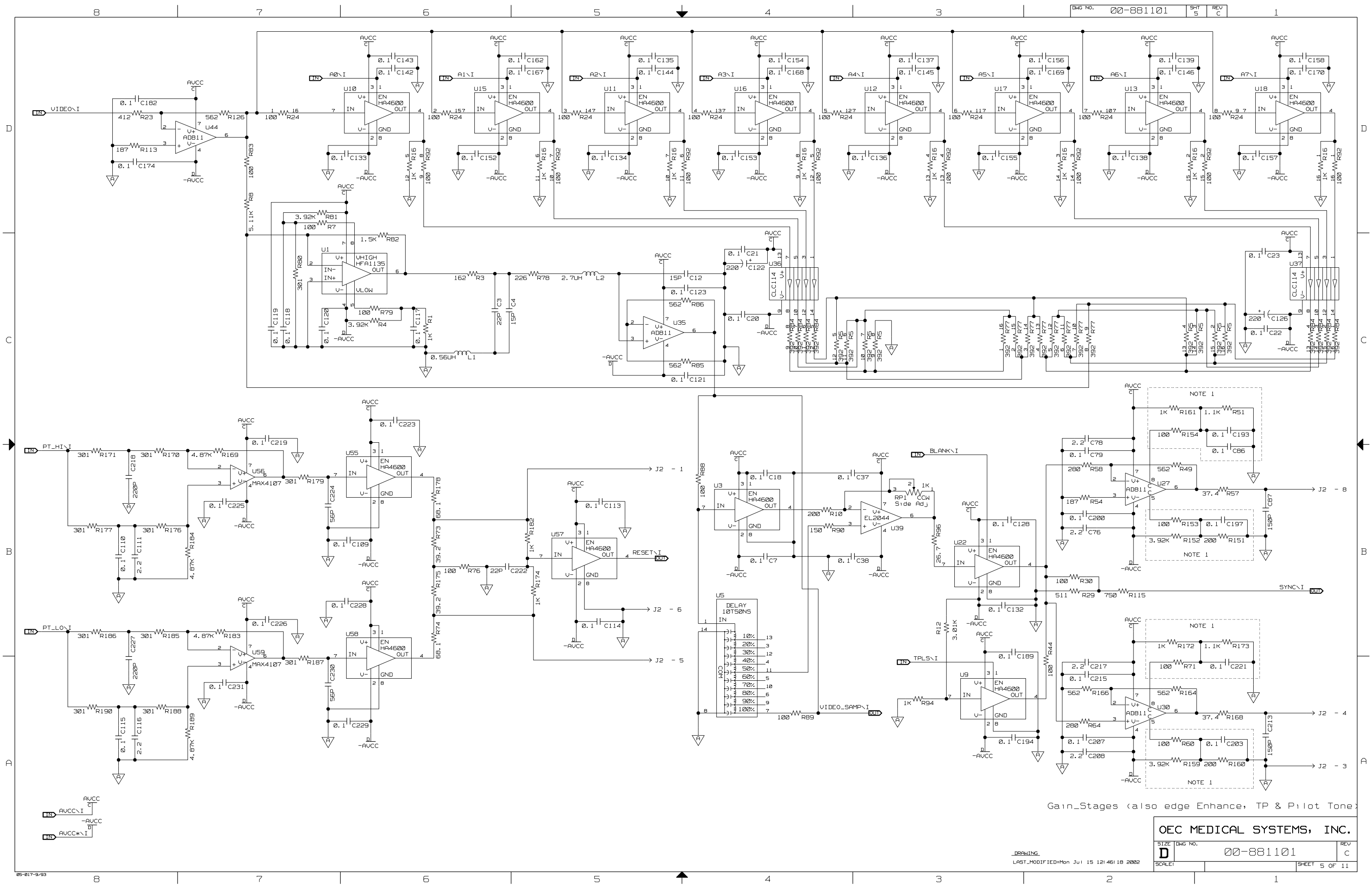
REF	DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U2		HD6409	10	20	
U32, U53		74AHC04	7	14	
U54		75157	4	8	3, 5, 6
Y1		05C 68.186MHZ	4	8	2, 3, 6, 7
Y2		05C 77.868MHZ	4	8	2, 3, 6, 7
Y3		05C 1.6MHZ	2	4	



Timing Module

OEC MEDICAL SYSTEMS, INC.

SIZE D	DWG NO. 00-881101	REV C
SCALE:		SHEET 3 OF 11

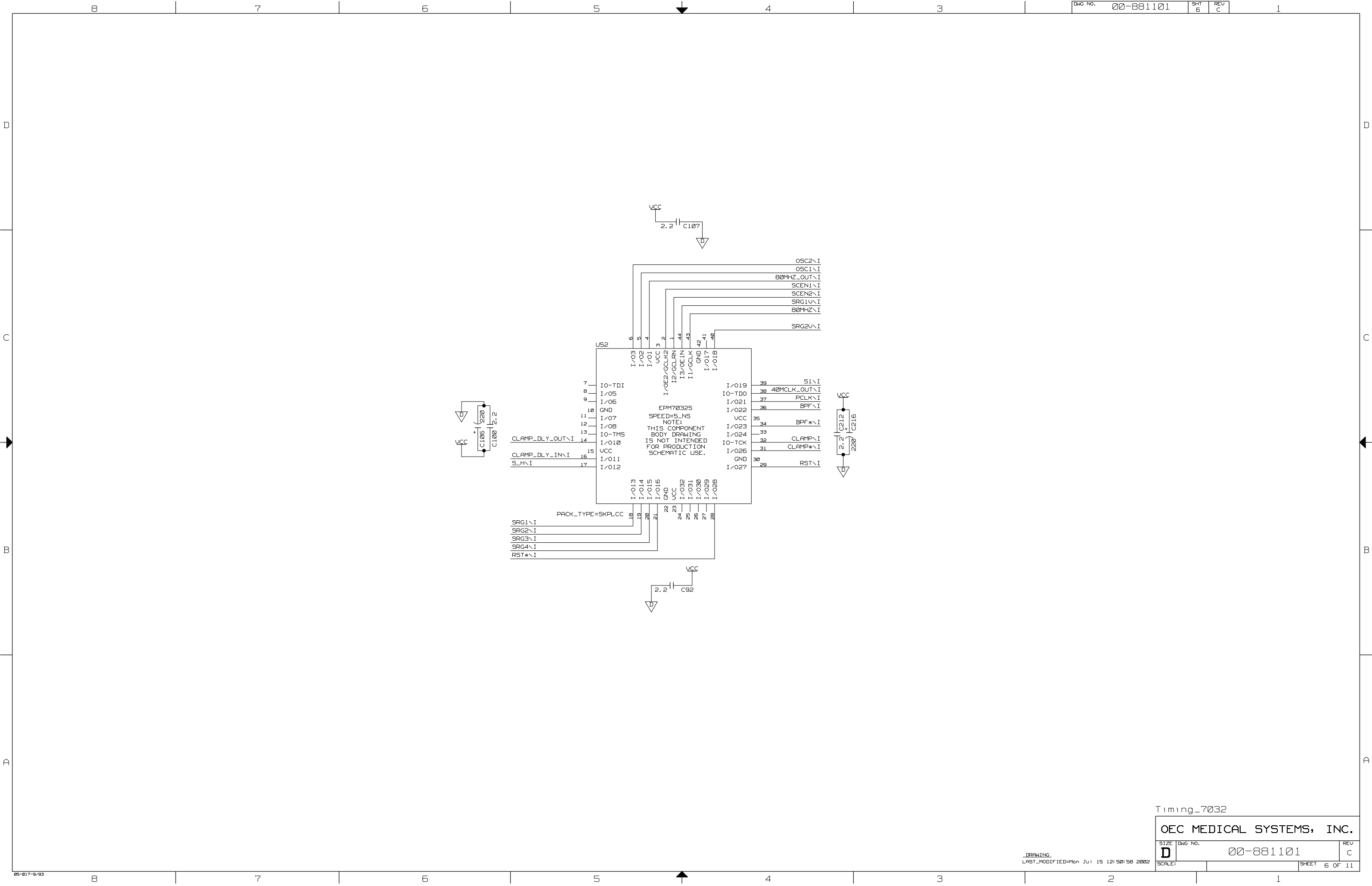


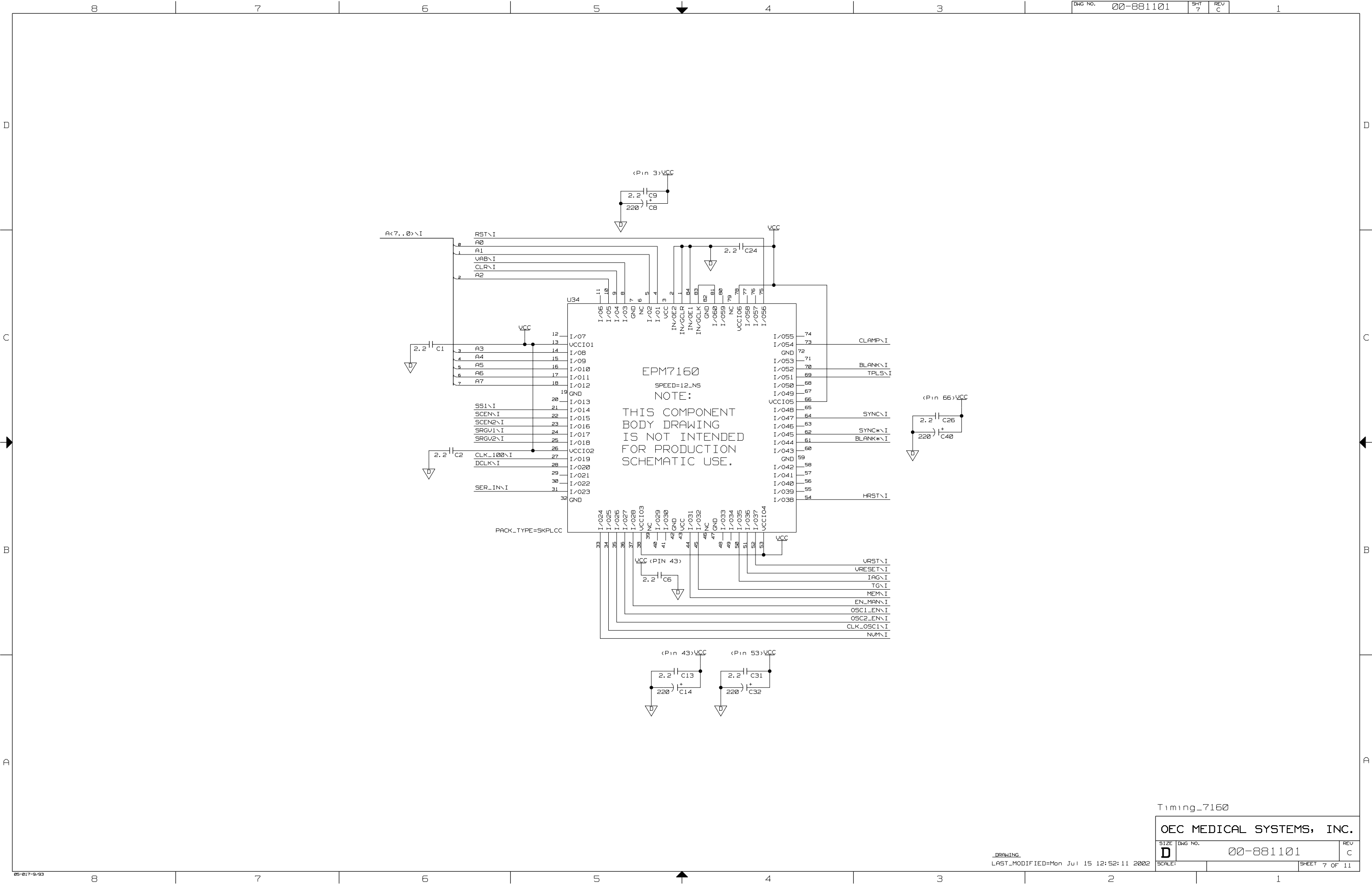
Gain_Stages (also edge Enhance, TP & Pilot Tone)

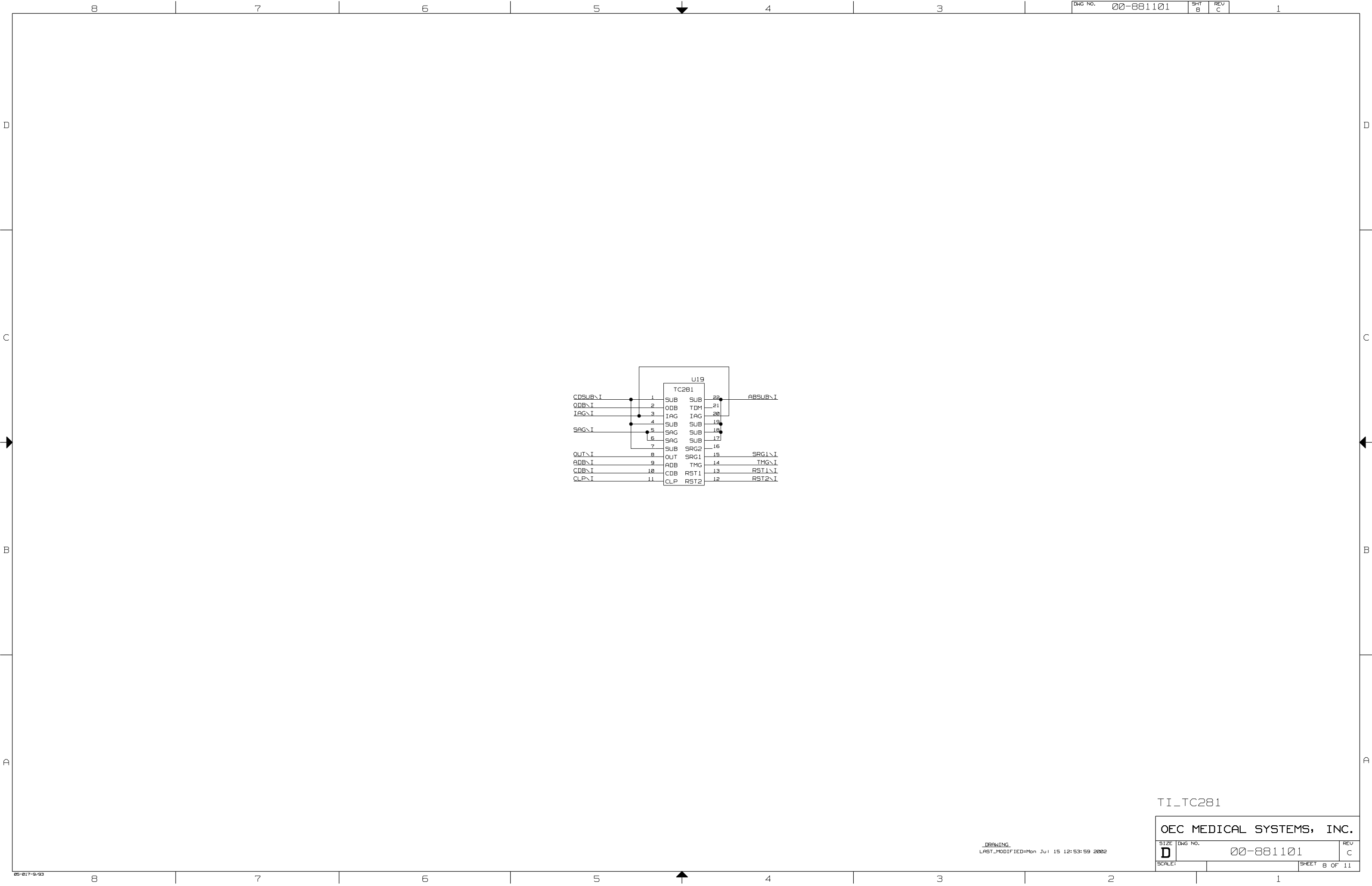
OEC MEDICAL SYSTEMS, INC.

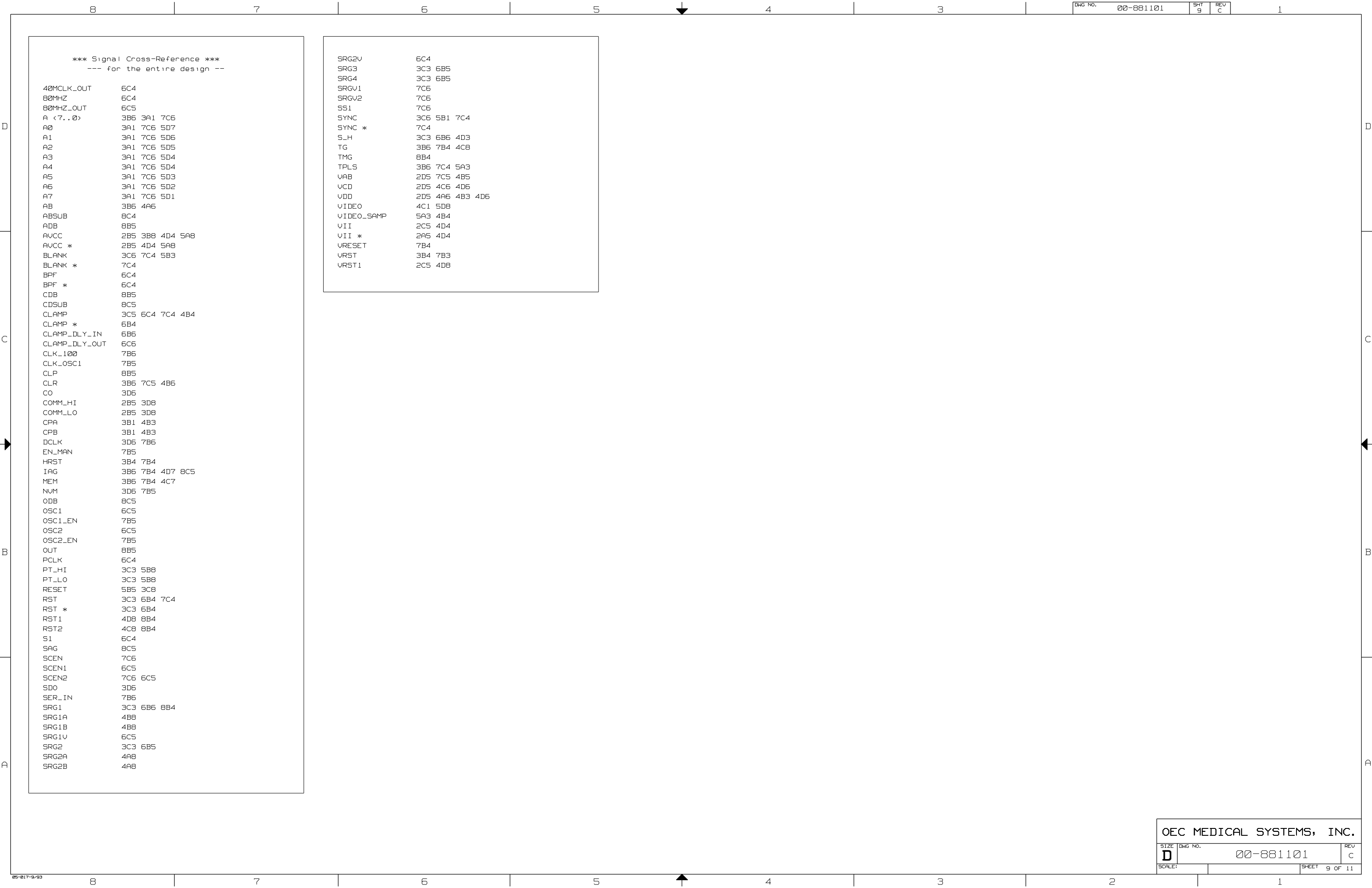
SIZE	DWG NO.	REV
D	00-881101	C
SCALE:		SHEET 5 OF 11

DRAWING
LAST_MODIFIED=Mon Jul 15 12:46:18 2002









8		7		6		5		4		3		2		1	
<div><div><div>*** Unit Cross-Reference *** --- for the entire design ---</div><div><div>ASM_U34 ADDONS2A4</div><div>ASM_U52 ADDONS2A4</div><div>C1CERSMT_12067C6</div><div>C2CERSMT_12067B6</div><div>C3CERSMT_08055C6</div><div>C4CERSMT_08055C5</div><div>C5CERSMT_12063B8</div><div>C6CERSMT_12067B5</div><div>C7CERSMT_08055B4</div><div>C8TASMT_7343H7D5</div><div>C9CERSMT_12067D5</div><div>C10TASMT_7343H3A8</div><div>C11CERSMT_12063A8</div><div>C12CERSMT_08055C4</div><div>C13CERSMT_12067A4</div><div>C14TASMT_7343H7A5</div><div>C15TASMT_7343H2D6</div><div>C16CERSMT_08052D6</div><div>C17CERSMT_08052D6</div><div>C18CERSMT_08055B4</div><div>C19CERSMT_12064B5</div><div>C20CERSMT_08055C4</div><div>C21CERSMT_08055C4</div><div>C22CERSMT_08055C1</div><div>C23CERSMT_08055C1</div><div>C24CERSMT_12067C4</div><div>C25TASMT_7343H2D6</div><div>C26CERSMT_12067C3</div><div>C27TASMT_7343H2D6</div><div>C28CERSMT_12064A5</div><div>C29CERSMT_12064B5</div><div>C30CERSMT_12064B4</div><div>C31CERSMT_12067A4</div><div>C32TASMT_7343H7A4</div><div>C33TASMT_7343H2A5</div><div>C34CERSMT_08053C5</div><div>C35CERSMT_08054A4</div><div>C36CERSMT_12062A6</div><div>C37CERSMT_08055B3</div><div>C38CERSMT_08055B3</div><div>C39CERSMT_08052A5</div><div>C40TASMT_7343H7C3</div><div>C41CERSMT_08054A4</div><div>C42CERSMT_12064A5</div><div>C43TASMT_73432D7</div><div>C44TASMT_7343H4C6</div><div>C45CERSMT_12062B7</div><div>C46CERSMT_12064A7</div><div>C47TASMT_7343H2B6</div><div>C48CERSMT_08054C6</div><div>C49TASMT_7343H4D7</div><div>C50TASMT_7343H4A6</div><div>C51TASMT_7343H2C5</div><div>C52CERSMT_08054D7</div><div>C53TASMT_7343H4D6</div><div>C54CERSMT_12064A6</div><div>C55CERSMT_12064A8</div><div>C56TASMT_73432B7</div><div>C57CERSMT_08054A3</div><div>C58CERSMT_08054A6</div><div>C59CERSMT_08054C1</div><div>C60CERSMT_12064B8</div><div>C61TASMT_73432A7</div><div>C62CERSMT_08054C1</div><div>C63CERSMT_08054C1</div><div>C64CERSMT_08054C2</div><div>C65CERSMT_08054C3</div><div>C66CERSMT_12064C7</div><div>C67CERSMT_08054C7</div><div>C68CERSMT_12064C8</div></div><div><div>C69CERSMT_08054C1</div><div>C70CERSMT_08054C1</div><div>C71CERSMT_12064B6</div><div>C72CERSMT_08054C4</div><div>C73CERSMT_08054C4</div><div>C74CERSMT_08054C4</div><div>C75TASMT_7343H4C7</div><div>C76CERSMT_12065B2</div><div>C77CERSMT_08054D5</div><div>C78CERSMT_12065C2</div><div>C79CERSMT_08055B2</div><div>C80CERSMT_12064D8</div><div>C81CERSMT_12064D8</div><div>C82TASMT_7343H2C6</div><div>C83CERSMT_08054B1</div><div>C84CERSMT_08052C6</div><div>C85CERSMT_08052C6</div><div>C86CERSMT_08055B1</div><div>C87CERSMT_08055B1</div><div>C88CERSMT_08054D4</div><div>C89CERSMT_08054B1</div><div>C90TASMT_73434D5</div><div>C91CERSMT_08053C2</div><div>C92CERSMT_12066B4</div><div>C93CERSMT_08053B2</div><div>C94CERSMT_12064A3</div><div>C95CERSMT_08054A3</div><div>C96CERSMT_08054B1</div><div>C97CERSMT_08054A2</div><div>C98CERSMT_08054B2</div><div>C99CERSMT_12064A2</div><div>C100CERSMT_12066C6</div><div>C101TASMT_7343H3A8</div><div>C102CERSMT_12063A8</div><div>C103CERSMT_08053A8</div><div>C104CERSMT_08053B2</div><div>C105CERSMT_12063A8</div><div>C106TASMT_7343H6C6</div><div>C107CERSMT_12066D4</div><div>C108CERSMT_12063A8</div><div>C109CERSMT_08055B6</div><div>C110CERSMT_08055B8</div><div>C111CERSMT_12065B8</div><div>C112CERSMT_12063C2</div><div>C113CERSMT_08055B5</div><div>C114CERSMT_08055B5</div><div>C115CERSMT_08055A8</div><div>C116CERSMT_12065A8</div><div>C117CERSMT_08055C6</div><div>C118CERSMT_08055C7</div><div>C119CERSMT_08055C7</div><div>C120CERSMT_08055C7</div><div>C121CERSMT_08055C4</div><div>C122TASMT_7343H5C4</div><div>C123CERSMT_08055C4</div><div>C124CERSMT_12062D7</div><div>C125CERSMT_08052D6</div><div>C126TASMT_7343H5C1</div><div>C127CERSMT_08052D6</div><div>C128CERSMT_08055B3</div><div>C129CERSMT_12064D6</div><div>C130CERSMT_12064D6</div><div>C131TASMT_73432B7</div><div>C132CERSMT_08055B3</div><div>C133CERSMT_08055D6</div><div>C134CERSMT_08055D5</div><div>C135CERSMT_08055D5</div><div>C136CERSMT_08055D3</div><div>C137CERSMT_08055D3</div><div>C138CERSMT_08055D2</div><div>C139CERSMT_08055D2</div><div>C140CERSMT_08054D7</div><div>C141TASMT_7343H4A7</div></div><div><div>C142CERSMT_08055D6</div><div>C143CERSMT_08055D6</div><div>C144CERSMT_08055D5</div><div>C145CERSMT_08055D3</div><div>C146CERSMT_08055D2</div><div>C147CERSMT_12064C6</div><div>C148CERSMT_08052C6</div><div>C149CERSMT_08052C6</div><div>C150CERSMT_08054A5</div><div>C151CERSMT_08054A3</div><div>C152CERSMT_08055D6</div><div>C153CERSMT_08055D4</div><div>C154CERSMT_08055D4</div><div>C155CERSMT_08055D3</div><div>C156CERSMT_08055D2</div><div>C157CERSMT_08055D1</div><div>C158CERSMT_08055D1</div><div>C159CERSMT_12064A7</div><div>C160CERSMT_08054B3</div><div>C161CERSMT_08054B3</div><div>C162CERSMT_08055D5</div><div>C163CERSMT_12064B7</div><div>C164CERSMT_08054B7</div><div>C165TASMT_7343H2B6</div><div>C166TASMT_7343H2B6</div><div>C167CERSMT_08055D5</div><div>C168CERSMT_08055D4</div><div>C169CERSMT_08055D2</div><div>C170CERSMT_08055D1</div><div>C171CERSMT_12064A7</div><div>C172CERSMT_12064A6</div><div>C173CERSMT_08054A7</div><div>C174CERSMT_08055D8</div><div>C175CERSMT_12064B7</div><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<div><div>05-017-9-93</div><div>87654321</div><div><div>OEC MEDICAL SYSTEMS, INC.</div><div><div>SIZE</div><div>DWG NO.</div><div>REV</div></div><div><div>D</div><div>00-881101</div><div>c</div></div><div><div>SCALE:</div><div>SHEET 10 OF 11</div></div></div></div>															

D

C

B

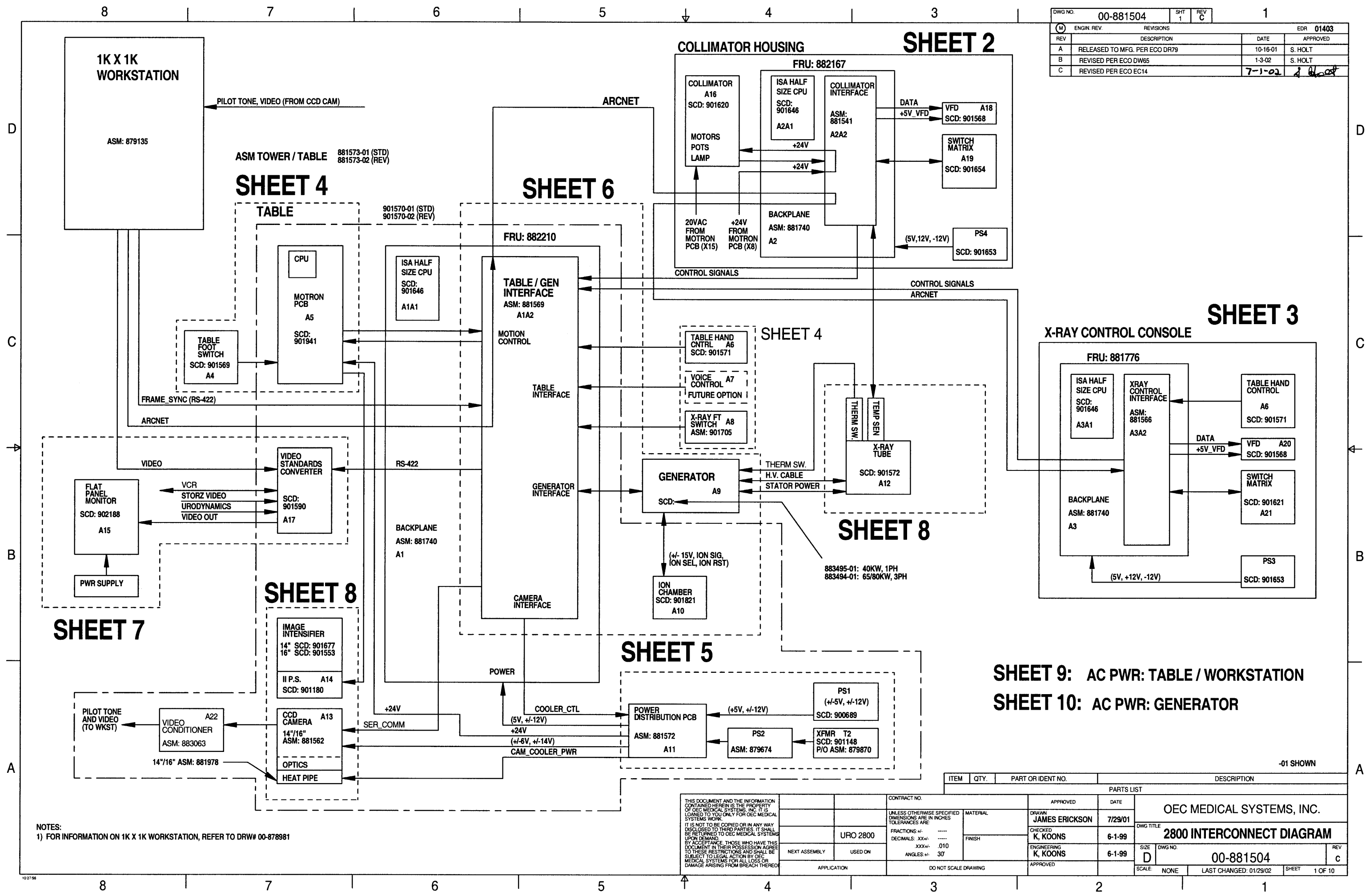
A

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R16 RESSMT16_8X SD1 SD1 SD2 SD3 SD4 SD5 SD6
R17 RESSMT_0805 4A5
R18 RESSMT_0805 4D7
R19 RESSMT_0805 4D7
R20 RESSMT_0805 4C7
R21 RESSMT_0805 2C6
R22 RESSMT_0805 4D7
R23 RESSMT_0805 5D8
R24 RESSMT16_8X SD1 SD2 SD3 SD4 SD4 SD5 SD6 SD7
R25 RESSMT_0805 4D3
R26 RESSMT_0805 4D3
R27 RESSMT_0805 4D3
R28 RESSMT_0805 4D3
R29 RESSMT_0603 5B2
R30 RESSMT_0805 5B2
R31 RESSMT_0603 4C3
R32 RESSMT_0805 4C2
R33 RESSMT_0603 4C3
R34 RESSMT_0805 4C4
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R36 RESSMT_0603 4C3
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R48 RESSMT_0805 4B5
R49 RESSMT_0805 5B2
R50 RESSMT_0805 4B5
R51 RESSMT_0805 5C1
R52 RESSMT_0805 4B1
R53 RESSMT_0805 4B2
R54 RESSMT_0805 5B2
R55 RESSMT_0805 4B2
R56 RESSMT_0805 4D5
R57 RESSMT_1206 5B1
R58 RESSMT_0805 5B2
R59 RESSMT_0805 4B2
R60 RESSMT_0805 5A2
R61 RESSMT_0805 4A1
R62 RESSMT_0805 4B2
R63 RESSMT_0805 2C6
R64 RESSMT_0805 5A2
R65 RESSMT_0805 4A1
R66 RESSMT_0805 4D6
R67 RESSMT_0805 3B2
R68 RESSMT_0805 2C7
R69 RESSMT_0805 3B3
R70 RESSMT_0805 3B3
R71 RESSMT_0805 5A2
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R74 RESSMT_0805 5B6
R75 RESSMT_0805 3C4
R76 RESSMT_0805 5B6
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R78 RESSMT_0805 5C5
R79 RESSMT_0805 5C6
R80 RESSMT_0805 5C7
R81 RESSMT_0603 5D7
R82 RESSMT_0805 5C6
R83 RESSMT_0805 5D7
R84 RESSMT16_8X 5C1 5C4
R85 RESSMT_0805 5C4
R86 RESSMT_0805 5C4
R87 RESSMT_0805 2D5

R88 RESSMT_0805 5B4
R89 RESSMT_0805 5A4
R90 RESSMT_0805 5B4
R91 RESSMT_0805 2D6
R92 RESSMT16_8X SD1 SD1 SD2 SD3 SD4 SD5 SD6
R93 RESSMT_0805 2D6
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R96 RESSMT_0805 5B3
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R98 RESSMT_0805 2C6
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R123 RESSMT_0805 2B6
R124 RESSMT_0805 4D1
R125 RESSMT_0805 4C3
R126 RESSMT_0805 5D7
R127 RESSMT_0603 4C3
R128 RESSMT_0805 4C7
R129 RESSMT_0805 4C7
R130 RESSMT14_7X 4C7
R131 RESSMT_0805 4C2
R132 RESSMT_0805 4C6
R133 RESSMT_0805 4D5
R134 RESSMT_1206 4C2
R135 RESSMT_1206 4C2
R136 RESSMT_1206 4C2
R137 RESSMT_1206 4C2
R138 RESSMT_0805 4D3
R139 RESSMT_0805 4B7
R140 RESSMT_0805 4C7
R141 RESSMT_0805 3C3
R142 RESSMT_0805 4C7
R143 RESSMT_0805 4B5
R144 RESSMT_0805 4D7
R145 RESSMT_0805 4B7
R146 RESSMT_0805 4C7
R147 RESSMT_0805 4C4
R148 RESSMT_0805 4D5
R149 RESSMT_0805 4D5
R150 RESSMT_0805 4C4
R151 RESSMT_0805 5B1
R152 RESSMT_0603 5B1
R153 RESSMT_0805 5B2
R154 RESSMT_0805 5C2
R155 RESSMT14_7X 4C7
R156 RESSMT14_7X 4D7
R157 RESSMT_0805 4B2
R158 RESSMT_0805 4B2
R159 RESSMT_0603 5A1
R160 RESSMT_0805 5A1

R161 RESSMT_0805 5C2
R162 RESSMT_0805 4A3
R163 RESSMT_0805 4A3
R164 RESSMT_0805 5A2
R165 RESSMT_0805 4A2
R166 RESSMT_0805 5A2
R167 RESSMT_0805 3C3
R168 RESSMT_1206 5A1
R169 RESSMT_0805 5B7
R170 RESSMT_0805 5B8
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R196 RESSMT_0603 3A7
R197 RESSMT_1206 2C7
R198 RESSMT_1206 2D7
R199 RESSMT_1206 2C7
R200 RESSMT_1206 4B3
RP1 RESVARSMT_1TSQ_SIDADJ 5B3
RP2 RESVARSMT_1TSQ_TOPADJ 2D6
RP3 RESVARSMT_1TSQ_TOPADJ 2D5
RP4 RESVARSMT_1TSQ_TOPADJ 4A4
RP5 RESVARSMT_1TSQ_TOPADJ 2A6
RP6 RESVARSMT_1TSQ_TOPADJ 2C6
RP7 RESVARSMT_1TSQ_TOPADJ 4D5
RP8 RESVARSMT_1TSQ_TOPADJ 4C5
RP9 RESVARSMT_1TSQ_TOPADJ 3C3
RP10 RESVARSMT_1TSQ_TOPADJ 2C6
SW1 SW_SMT_RTRY_HEXDEC 4D4
TP3 TEST_HOLE 4C6
TP4 TEST_POINT_COLOR 3A5
TP5 TEST_POINT_COLOR 4C5
TP6 TEST_POINT_COLOR 4C5
U1 HFA1135 5C7
U2 HD6409 3D6
U3 HA4600 5B4
U4 EL7104 4B5
U5 DELAY_10T50NS_43399918 5B4
U6 EL7104 4A5
U7 74AHC1G04_VCC 3C5
U8 MIC29150 2C7
U9 HA4600 5A3
U10 HA4600 5D6
U11 HA4600 5D5
U12 HA4600 5D3
U13 HA4600 5D2
U14 MIC2937 2B7
U15 HA4600 5D6
U16 HA4600 5D4
U17 HA4600 5D3
U18 HA4600 5D1

U19 TC281 8C4
U20 AD811 4B3
U21 74AHC04 4A8
U22 HA4600 5B3
U23 LM2990_VERT 2B7
U24 74AHC04 4B8
U25 AD9101 4C1
U26 74AHC04 4C8
U27 AD811_COMP_TI 5B2
U28 74AHC04_VCC 4C8
U29 74AHC04_VCC 4D8
U30 AD811_COMP_TI 5A2
U31 74AHC1G04 3C3
U32 74AHC04 3B1 3B1 3B3 3B3
U33 MIC2951_02 2D7



DWG NO.	00-881504	SHT	1	REV	C	1
REV	ENGIN. REV	REVISIONS	DATE	APPROVED	EDR	01403
A	RELEASED TO MFG. PER ECO DR79		10-16-01	S. HOLT		
B	REVISED PER ECO DW65		1-3-02	S. HOLT		
C	REVISED PER ECO EC14		7-1-02	J. Holt		

SHEET 7

SHEET 4

SHEET 6

SHEET 2

SHEET 3

SHEET 8

SHEET 5

SHEET 4

SHEET 8

SHEET 9: AC PWR: TABLE / WORKSTATION
SHEET 10: AC PWR: GENERATOR

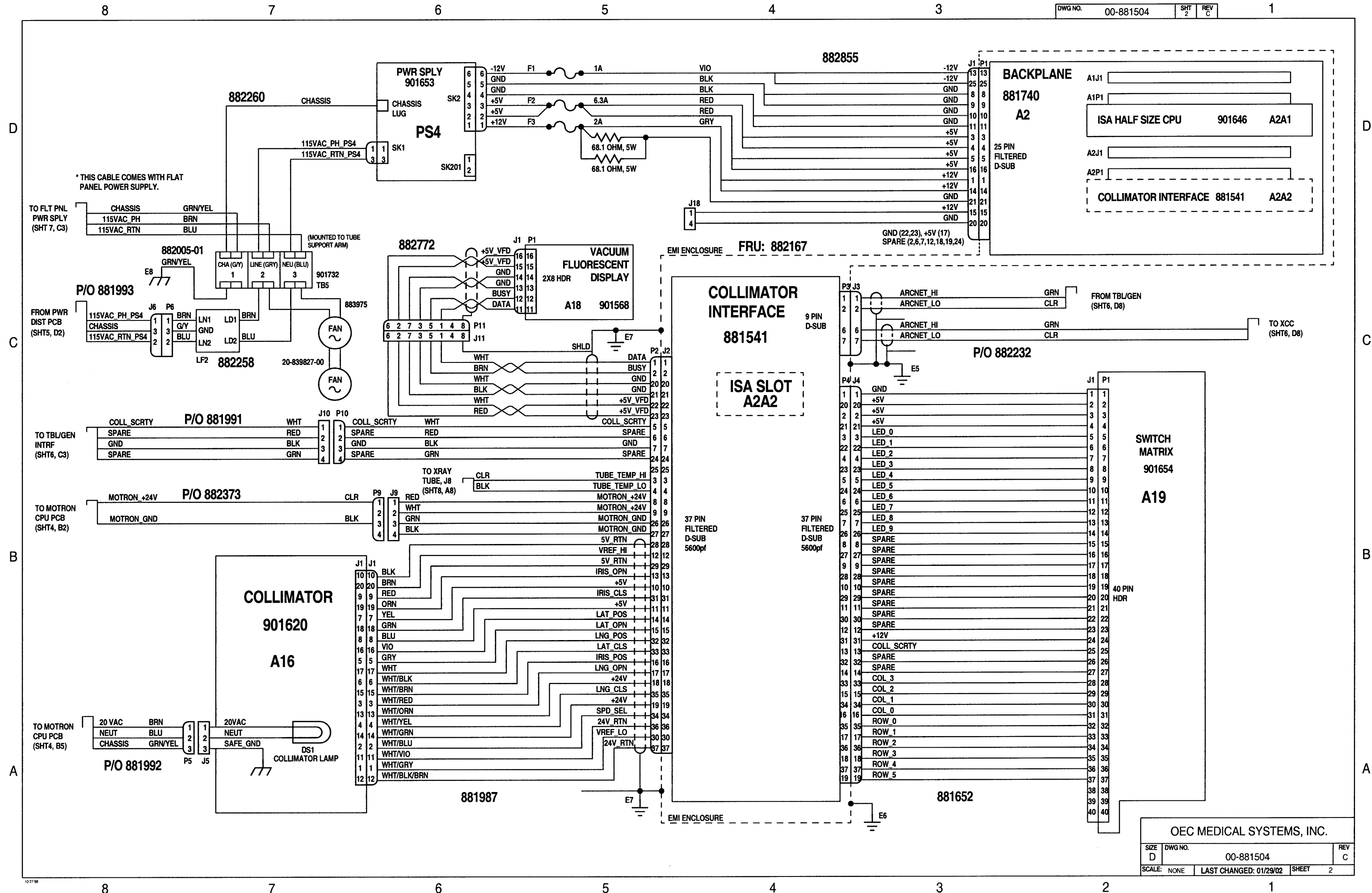
NOTES:
1) FOR INFORMATION ON 1K X 1K WORKSTATION, REFER TO DRW# 00-878981

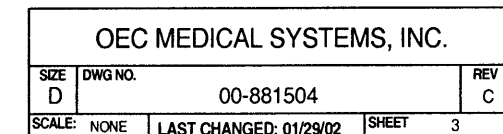
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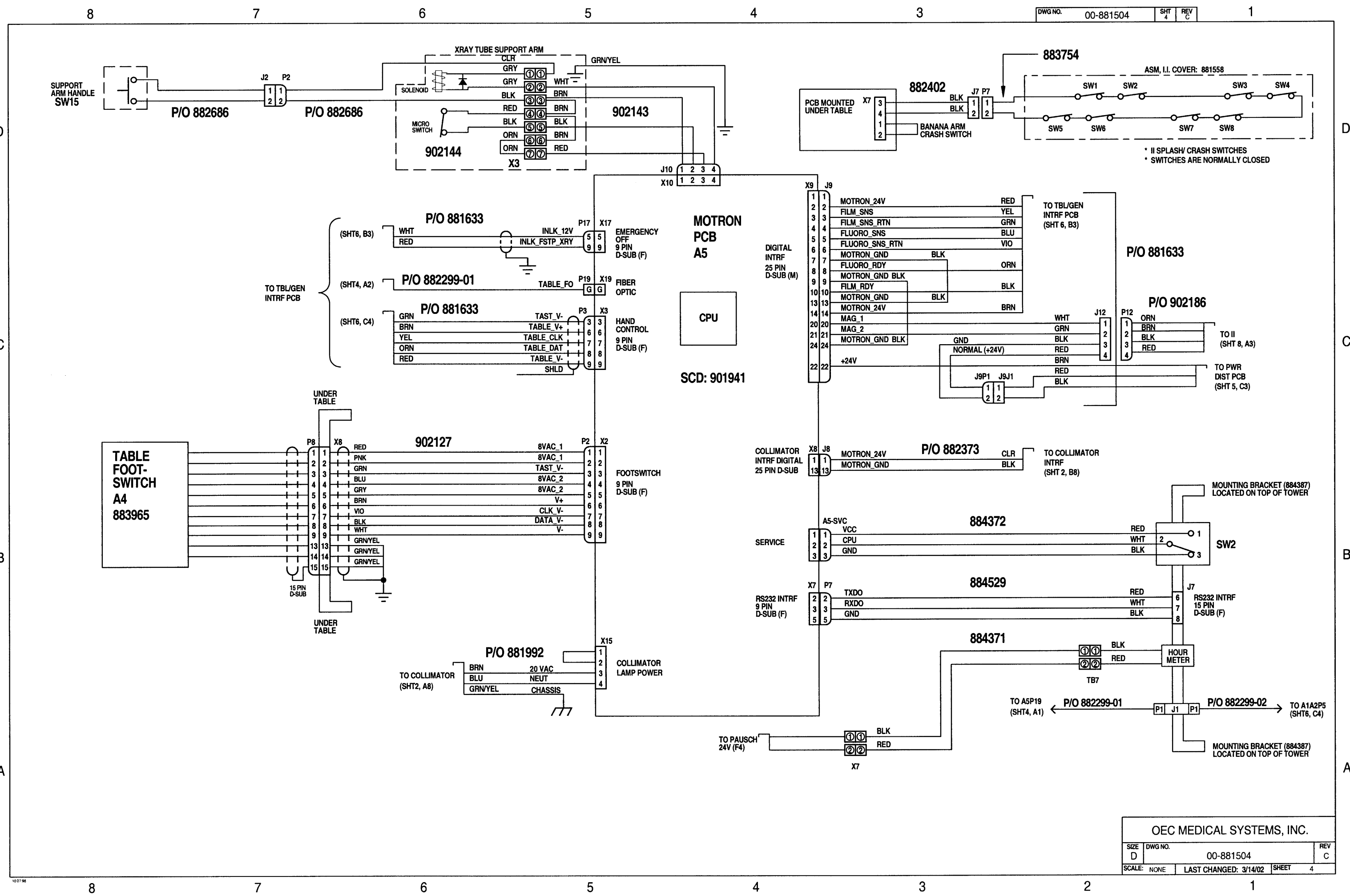
CONTRACT NO.	URO 2800
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE	
FRACTIONS: XX/YY	----
DECIMALS: .XX	----
ANGLES: X°	30'
FINISH	
APPLICATION	DO NOT SCALE DRAWING

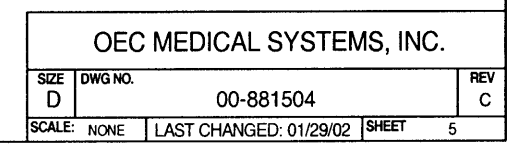
APPROVED	DATE	7/29/01
DRAWN	JAMES ERICKSON	
CHECKED	K. KOONS	6-1-99
ENGINEERING	K. KOONS	6-1-99
APPROVED		

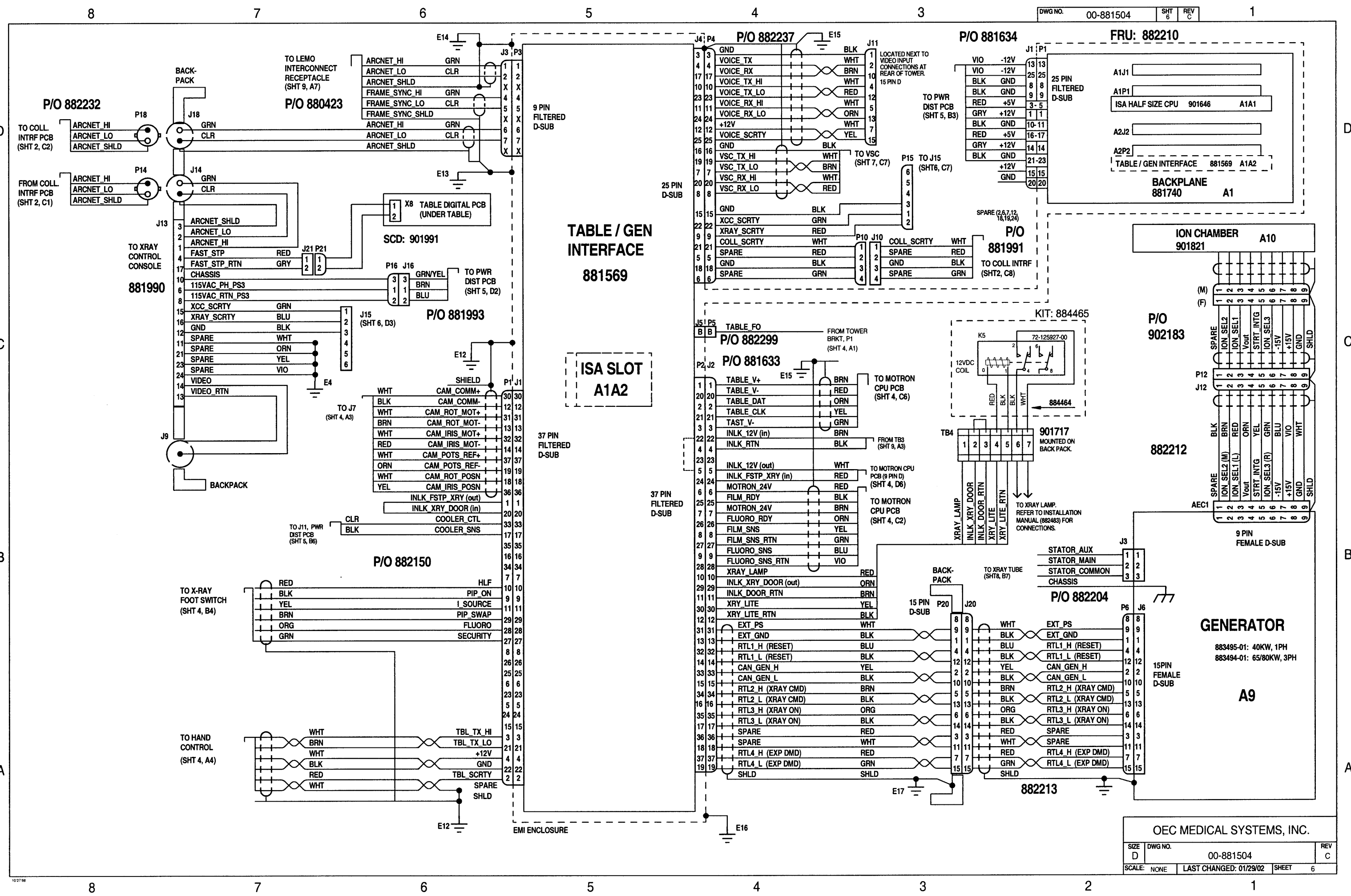
ITEM	QTY.	PART OR IDENT NO.	DESCRIPTION
PARTS LIST			
OEC MEDICAL SYSTEMS, INC.			
DWG TITLE			
2800 INTERCONNECT DIAGRAM			
SIZE	D	DWG NO.	00-881504
SCALE	NONE	LAST CHANGED	01/29/02
SHEET	1	OF 10	

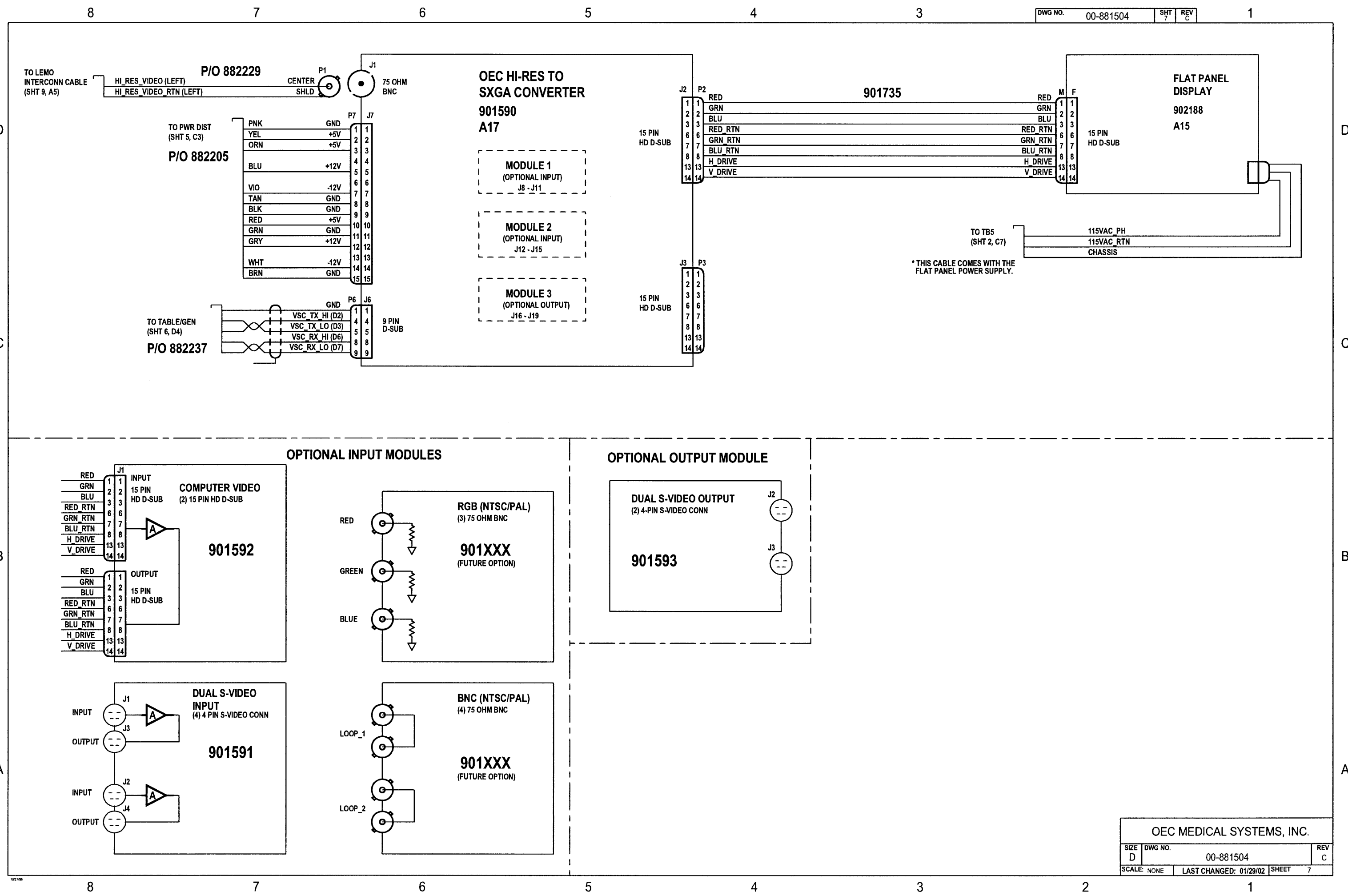






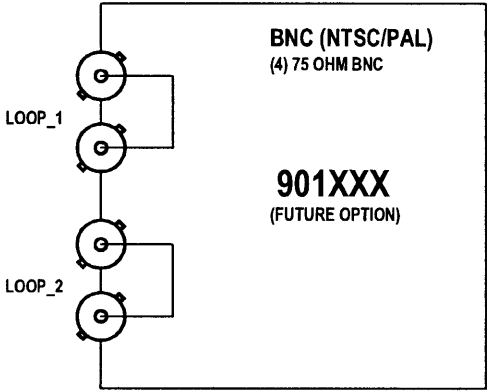
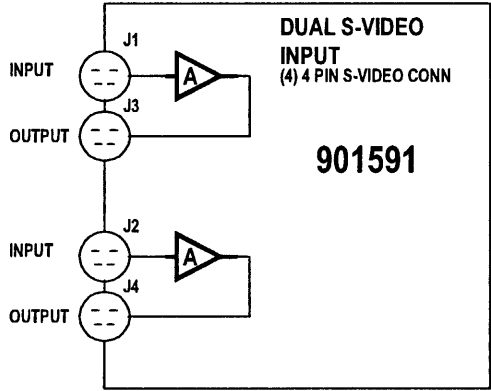
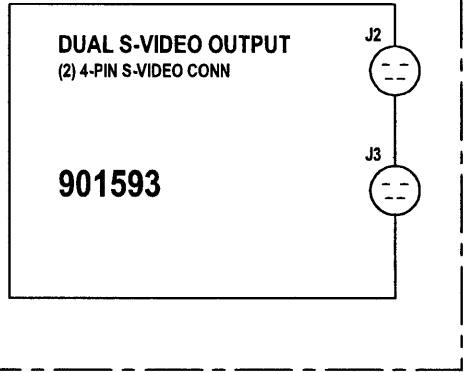
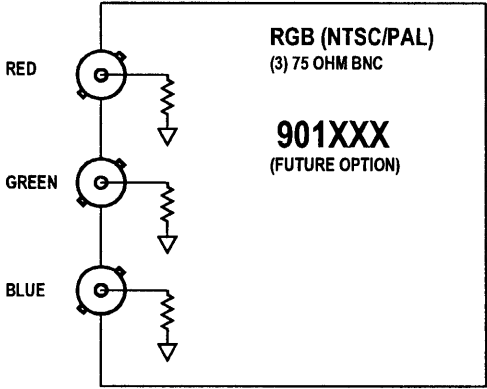
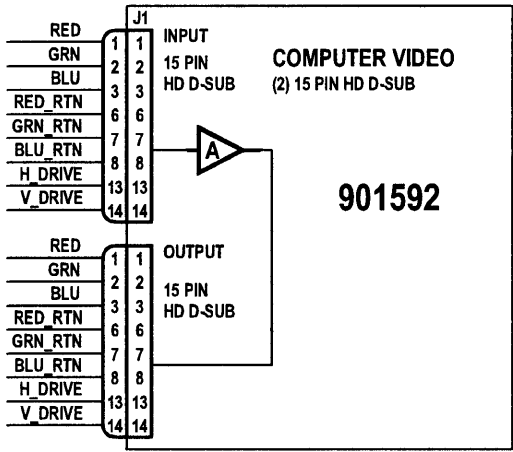


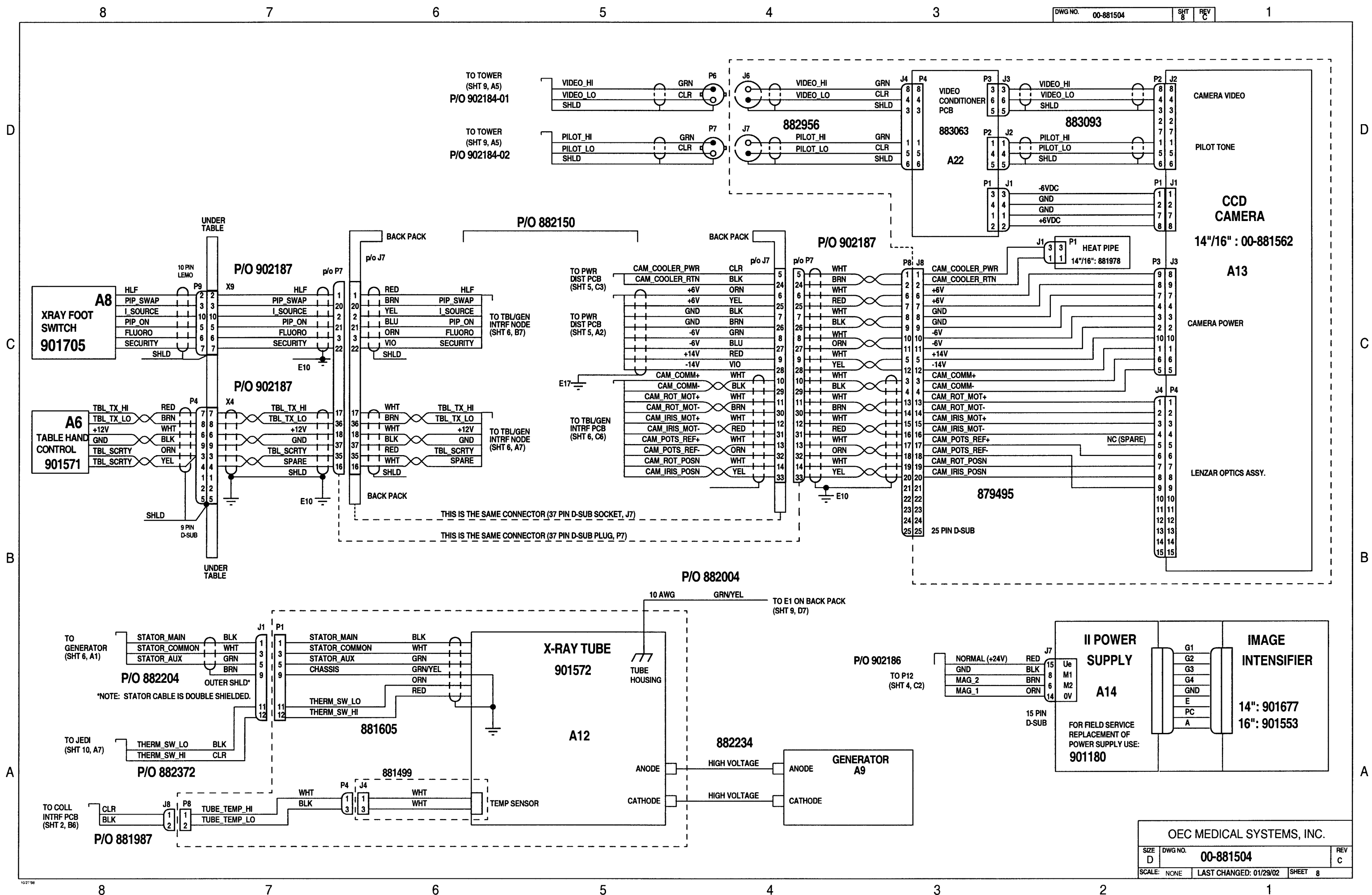




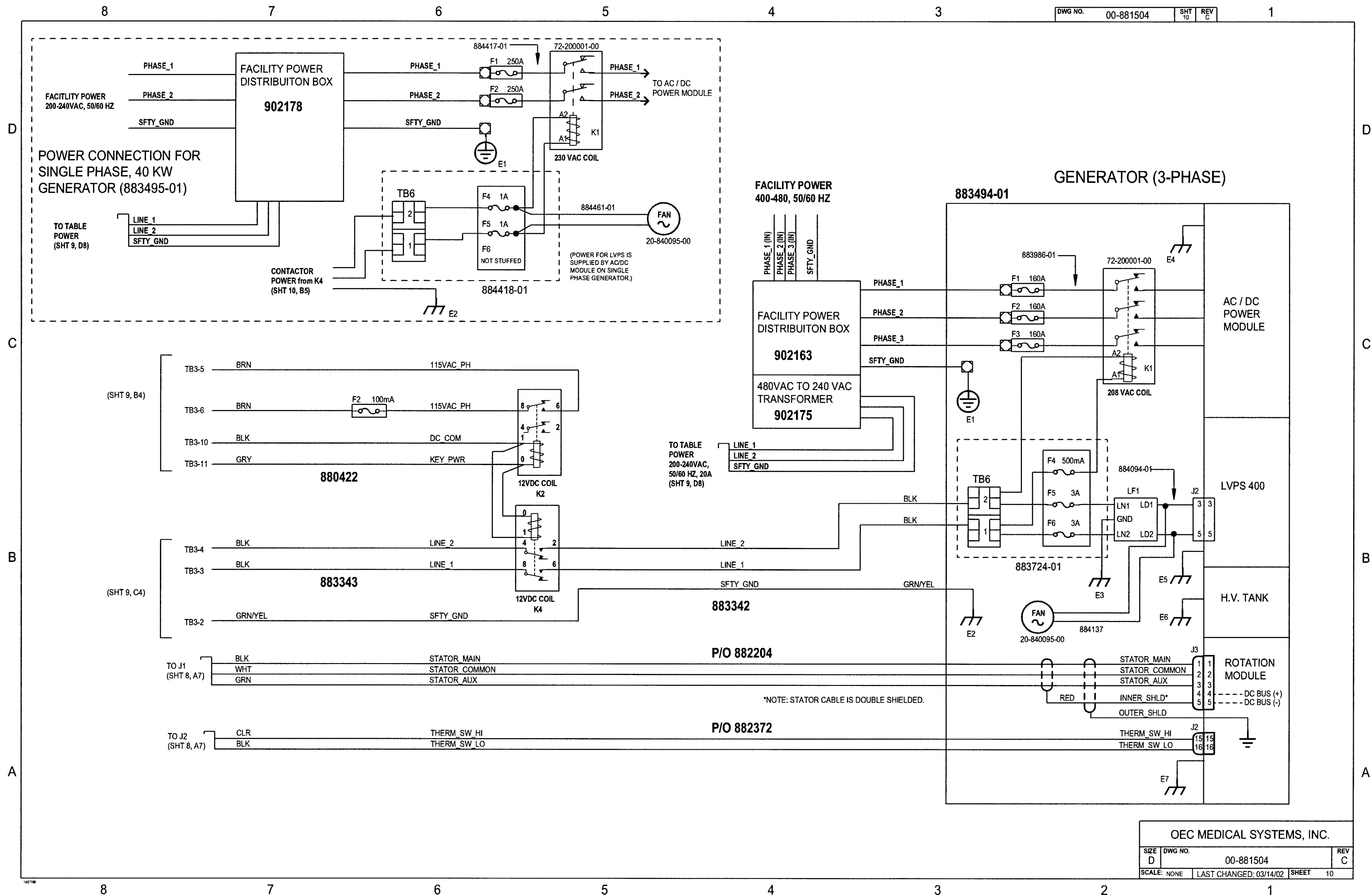
OPTIONAL INPUT MODULES

OPTIONAL OUTPUT MODULE



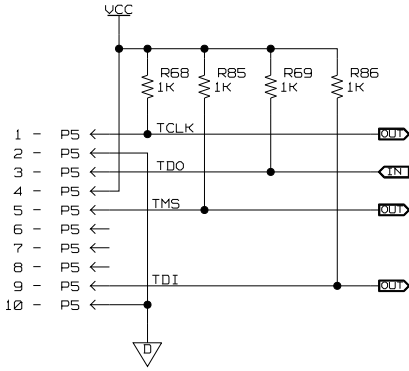




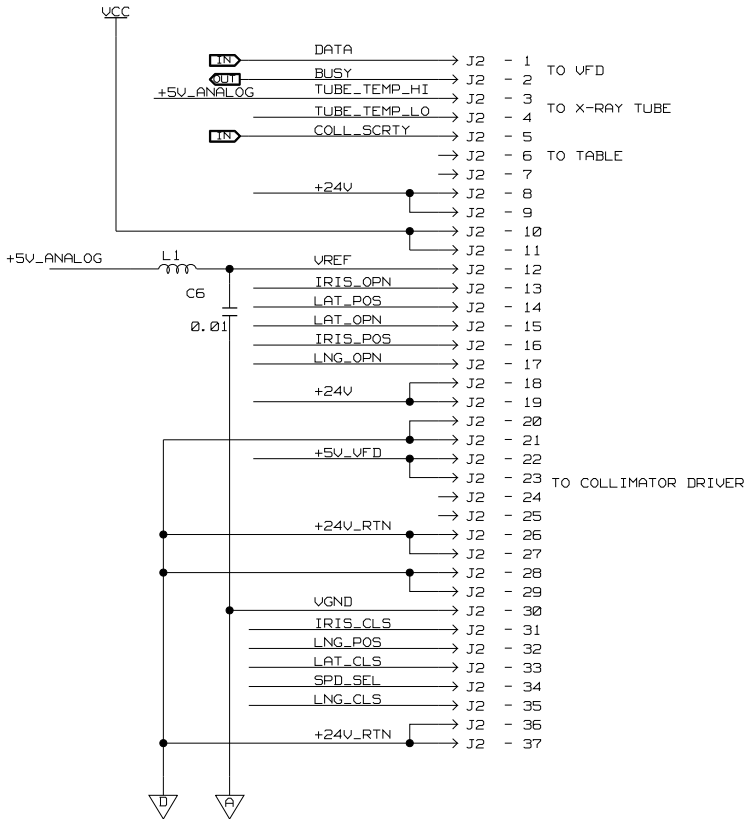
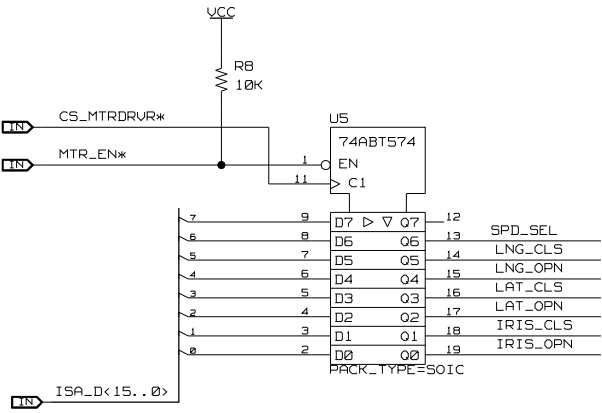


DWG NO.	00-881539	SHT	1	REV	A1	1
REV	DESCRIPTION	DATE	APPROVED	EDR 01403		
A	RELEASED TO MANUFACTURING PER ECO DL46	8-07-01	M. SARGENT			
A1	REVISED PER ECO DM55					

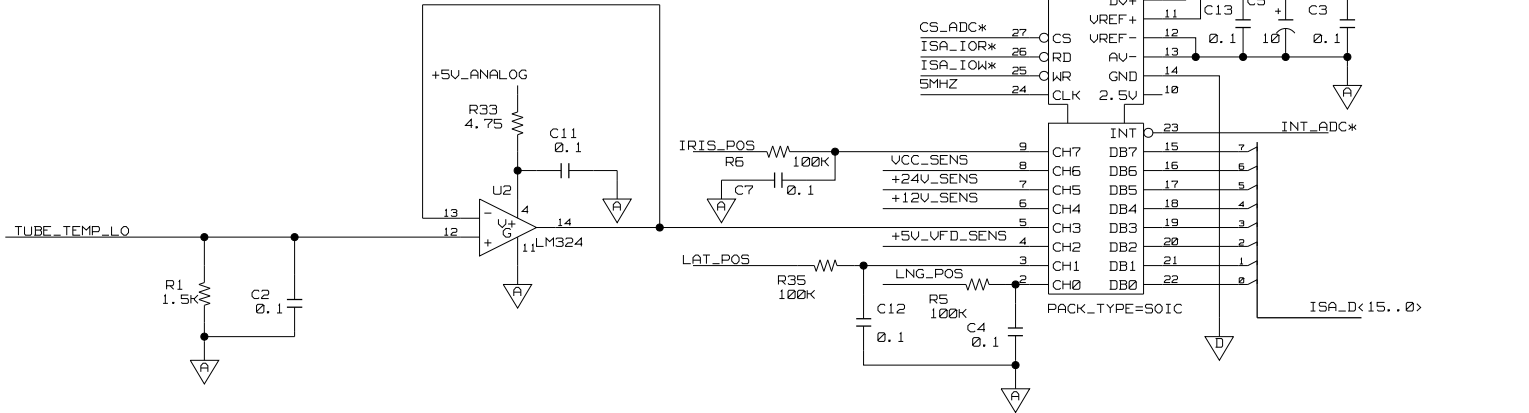
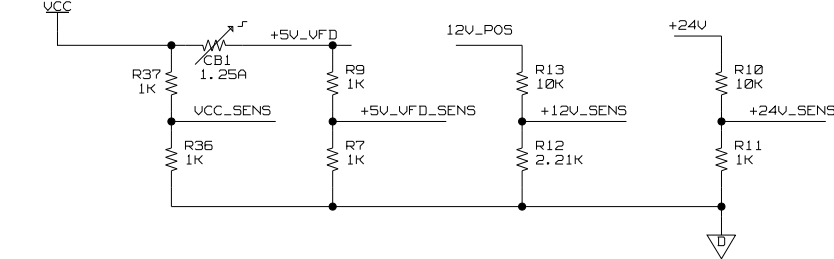
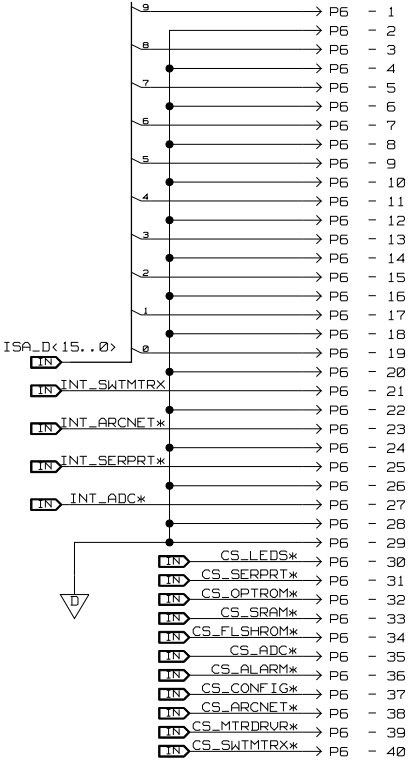
JTAG PORT



COLLIMATOR INTERFACE



TEST PORT



DRAWING
LAST_MODIFIED=Mon Aug 27 15:14:20 2001
ACTIVE_BOMS=-21

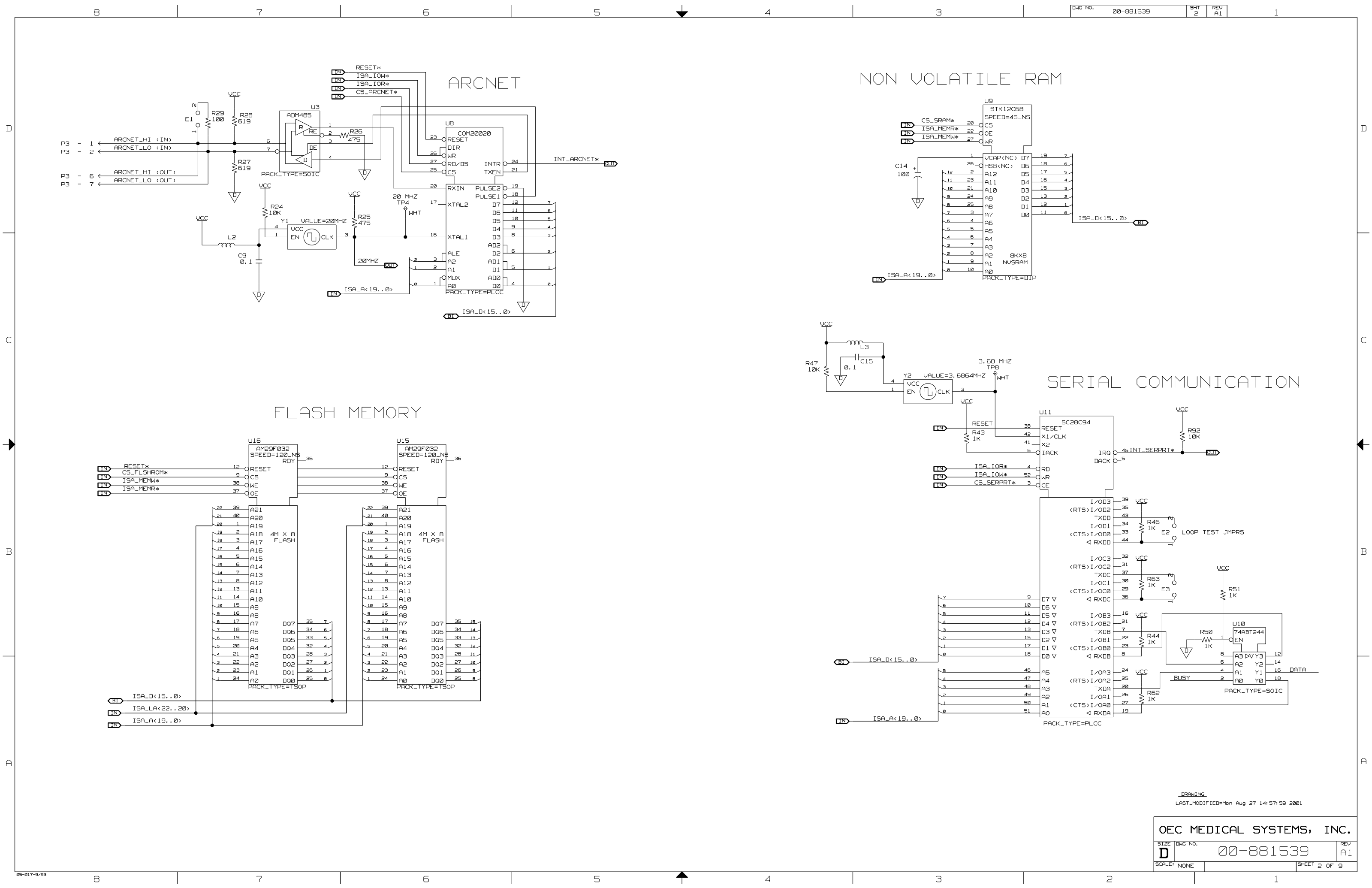
ITEM	QTY.	PART OR IDENT NO.	DESCRIPTION
PARTS LIST			
OEC MEDICAL SYSTEMS, INC.			
DWG TITLE			
SCH, PCB, COLLIMATOR INTERFACE			
SIZE DWG NO.			
D 00-881539			
SCALE:			
SHEET 1 OF 9			

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00-881541	2800	CONTRACT NO.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
NEXT ASSEMBLY	USED ON	FRACTIONS: +/-	DECIMALS: .XXX +/-
APPLICATION		ANGLES: +/-	

APPROVED	DATE	APPROVED	DATE
ART MICHAELSON	5/6/99	ART MICHAELSON	5/6/99
CHECKED	8/10/99	ENGINEERING	
C. BALL		ART MICHAELSON	
APPROVED			

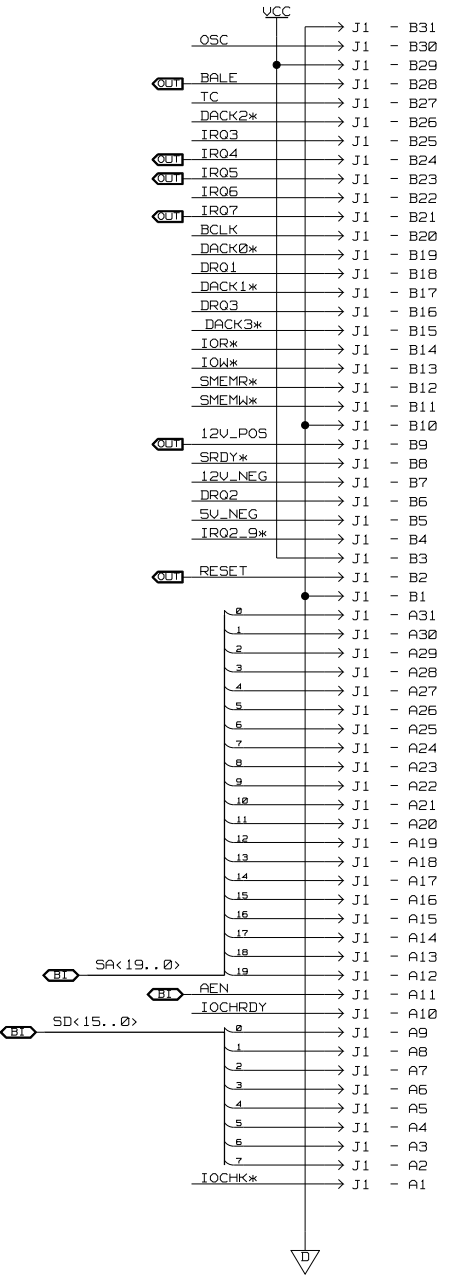
APPROVED	DATE	APPROVED	DATE
ART MICHAELSON	5/6/99	ART MICHAELSON	5/6/99
CHECKED	8/10/99	ENGINEERING	
C. BALL		ART MICHAELSON	
APPROVED			



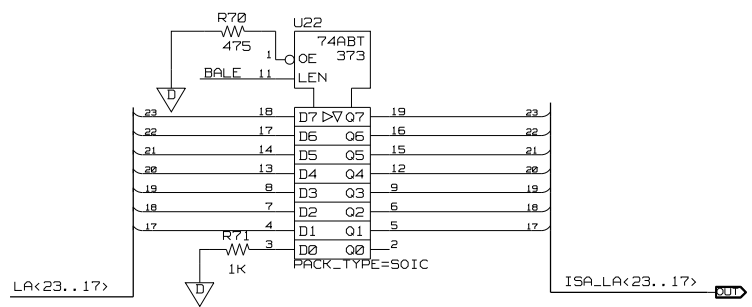
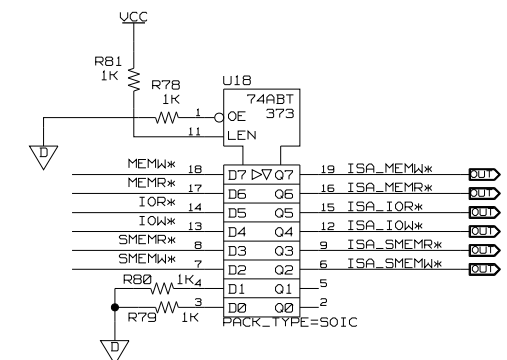
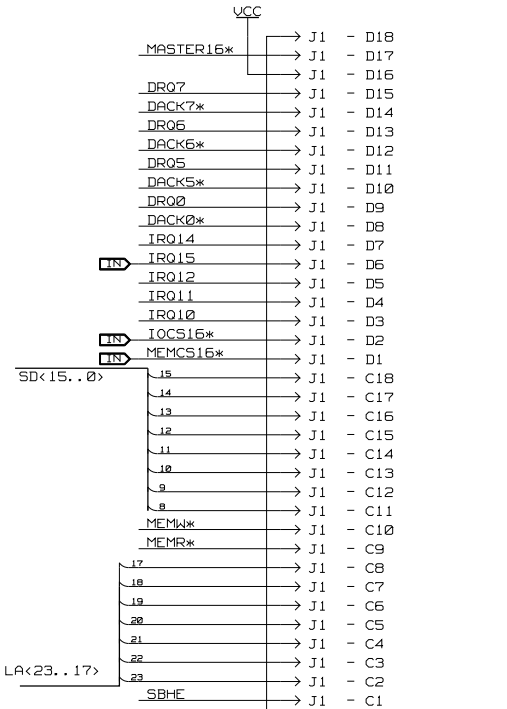
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OEC MEDICAL SYSTEMS, INC.		
SIZE	DWG NO.	REV
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SCALE: NONE	SHEET 2 OF 9	

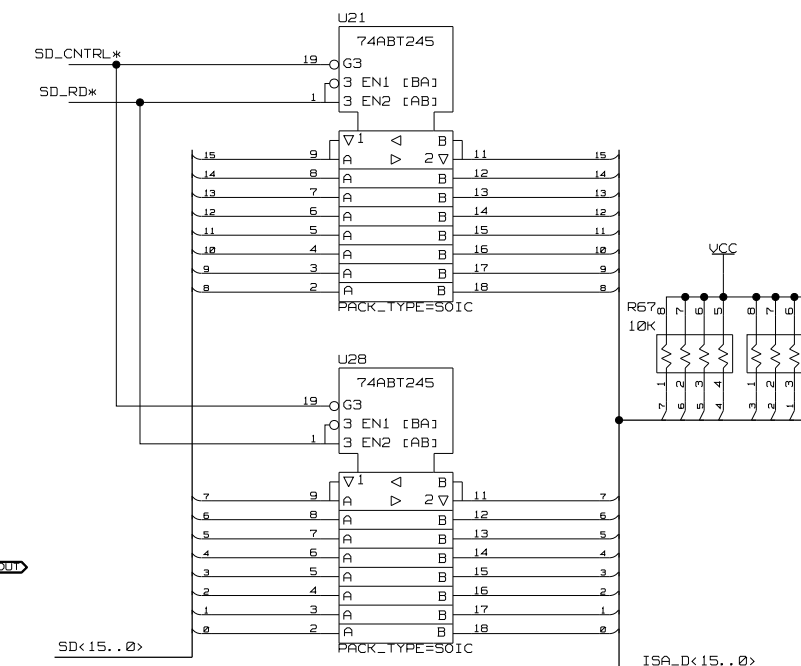
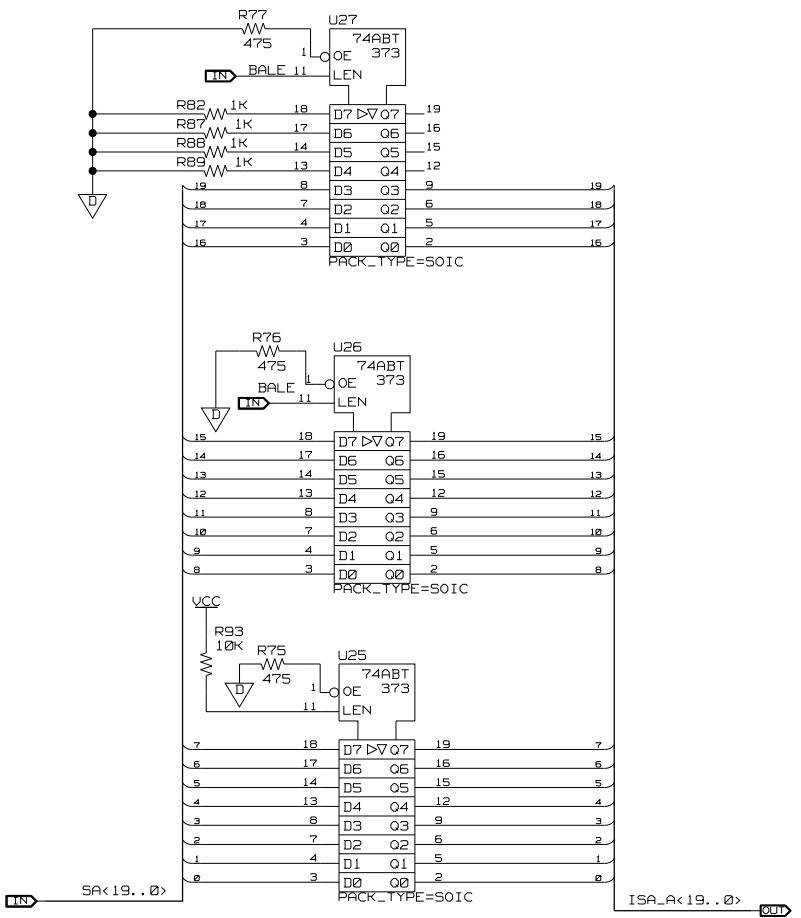
AT CONNECTOR
PINS A/B



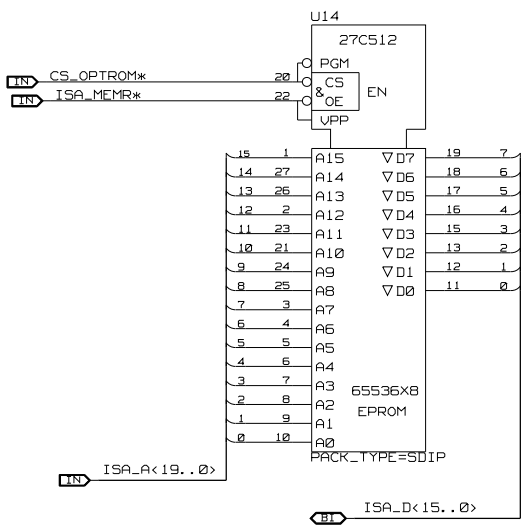
AT CONNECTOR
PINS C/D



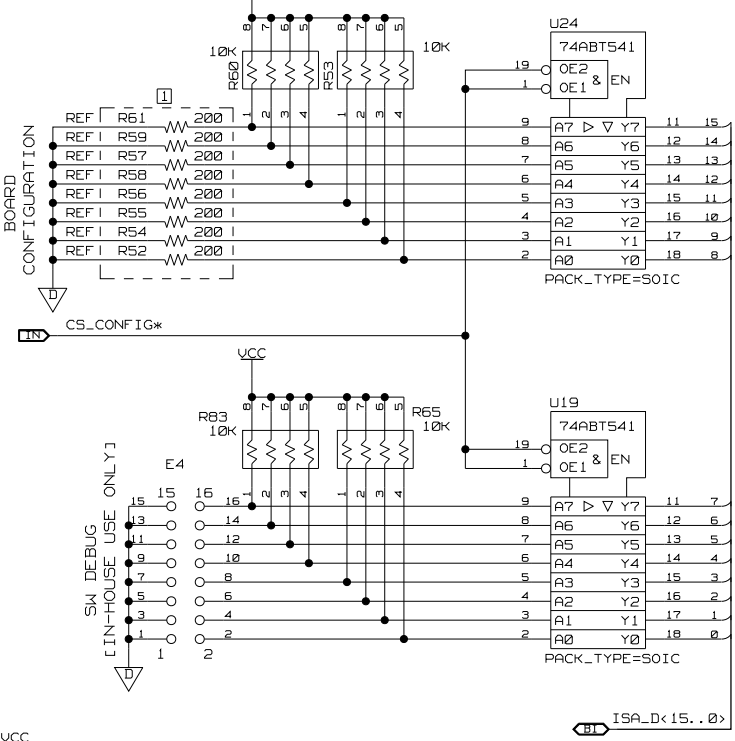
BUSS BUFFERS



OPTION ROM

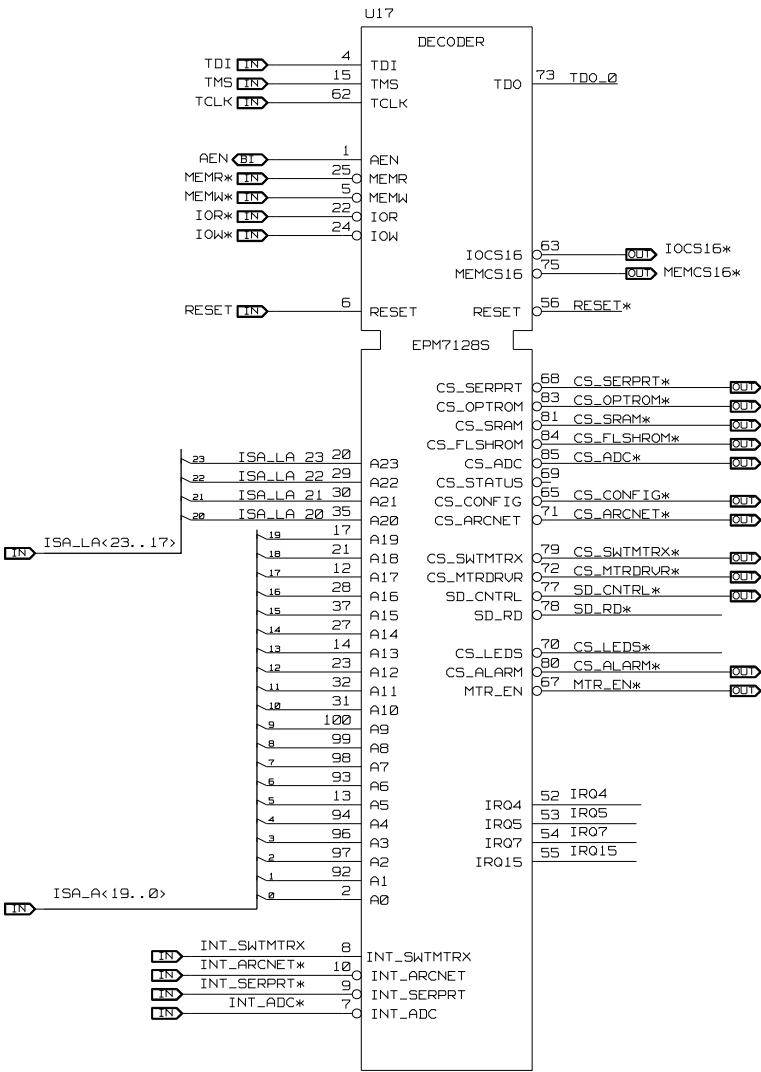


CONFIGURATION

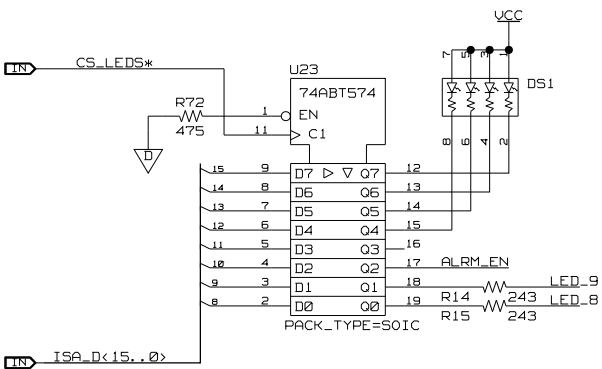
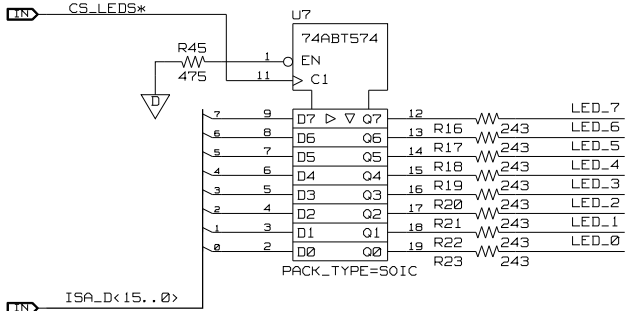
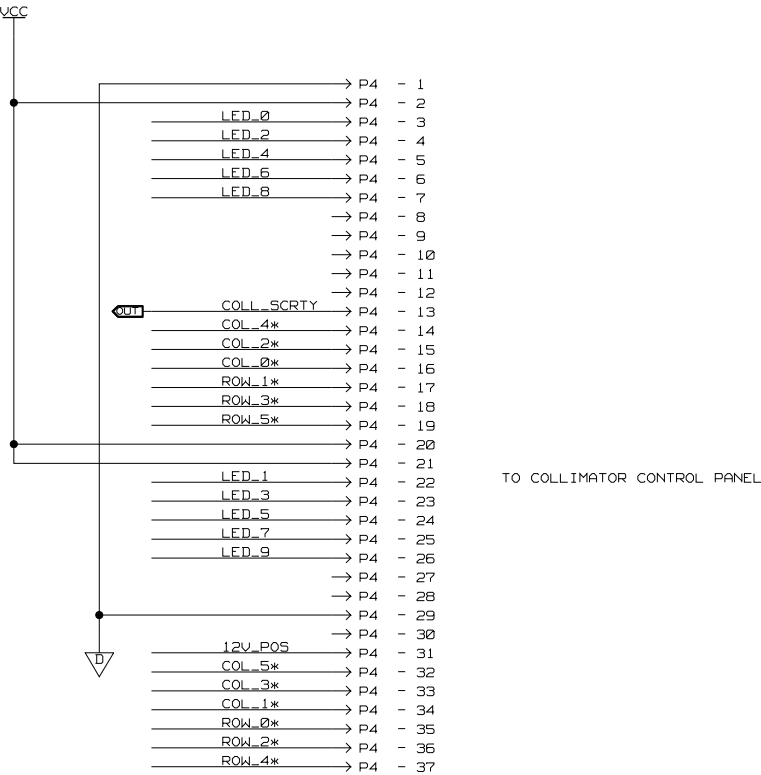
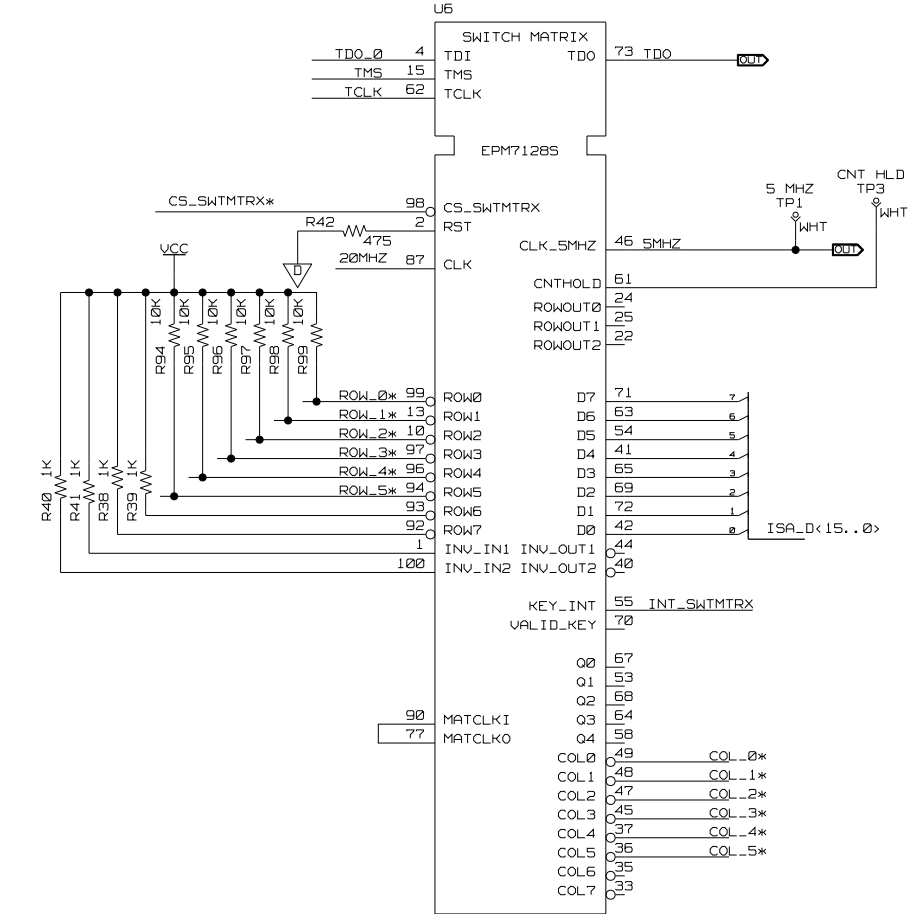


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LAST MODIFIED: Mon Aug 27 14:58:58 2001

ADDRESS DECODER



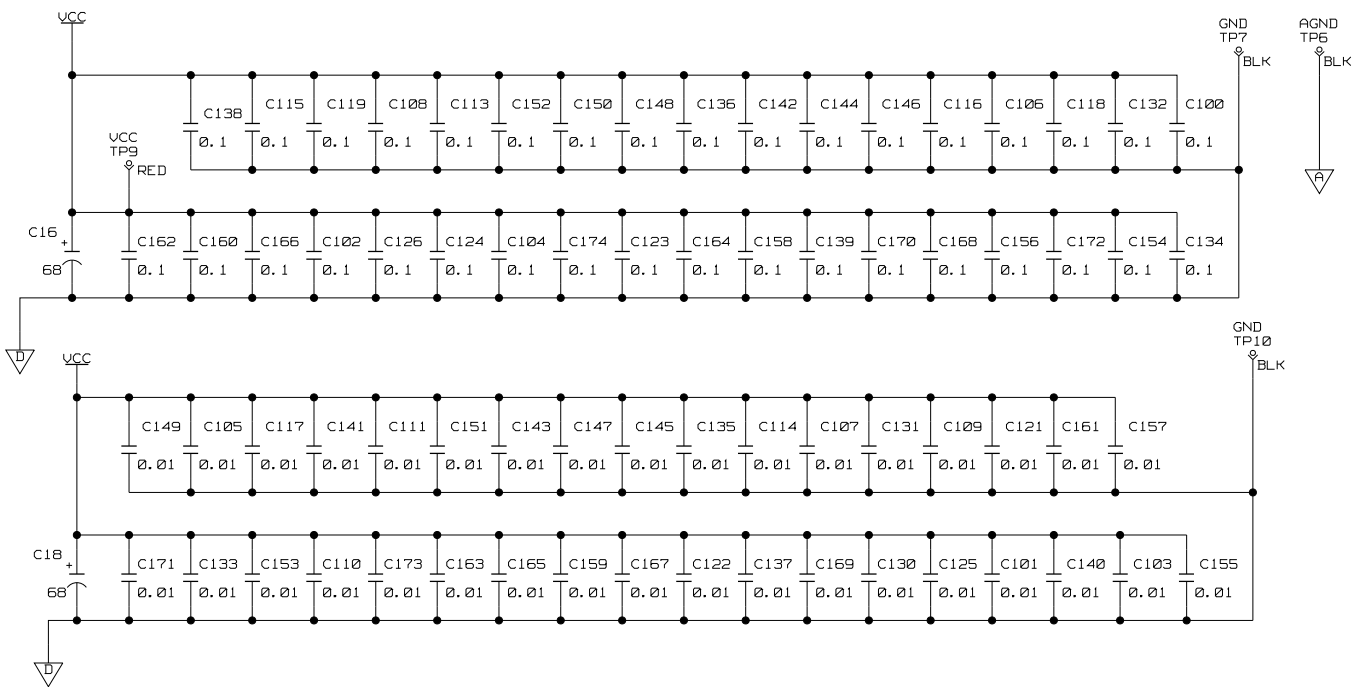
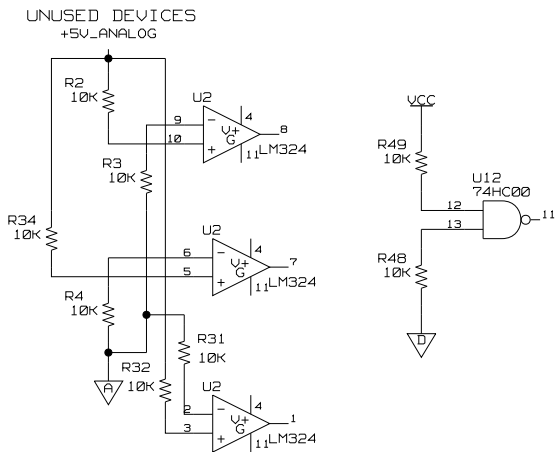
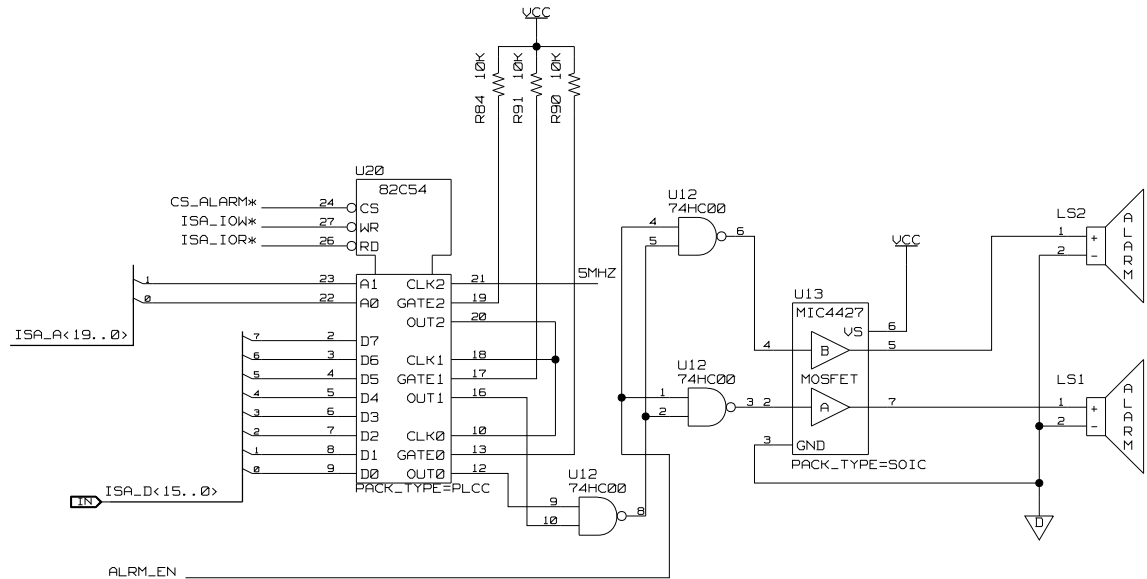
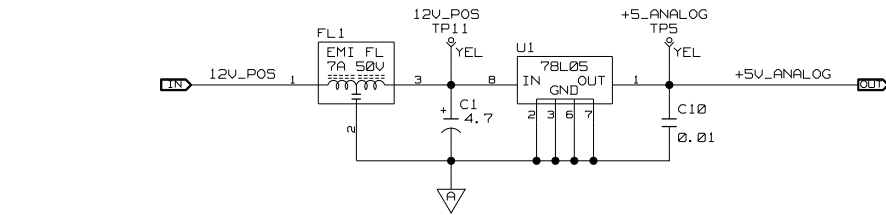
SWITCH MATRIX INTERFACE












DIGITAL					
REF	DES	DEVICE	GND	+5V	UNUSED
	U3	ADM485			
	U4	ADC10158	14	28	
	U5, U7, U23	74ABT574	10	20	
	U6, U17	EPROM128S	11, 26, 38, 43	3, 18, 34, 39	
			59, 74, 86, 95	51, 66, 82, 91	
	U8	COM20020	15, 28	7, 14, 22	
	U9	STK12C68	14	28	
	U11	SC28C94	1, 14, 28, 40	2	
	U12	74HC00	7	14	
	U13	MIC4427	3	6	
	U14	27C512	14	28	
	U15, U16	AM29F032	29, 30	10, 31	
	U18, 22, 25	74ABT1373	10	20	
	U26, 27	74ABT1373	10	20	
	U21, 28	74ABT245	10	20	
	U19, 24	74ABT541	10	20	
	U20	82C54	14	28	

ANALOG				
REF DES	DEVICE	GND	+5V	UNUSED
U2	LM324	11	4 TR	
U4	ADC10158	12, 13	1	

REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
U28	C8, C19-C99
C174	
CB1	R30, R64
R99	
DS1	
E4	
FL1	
L3	
LS2	TP2
TP11	
Y2	

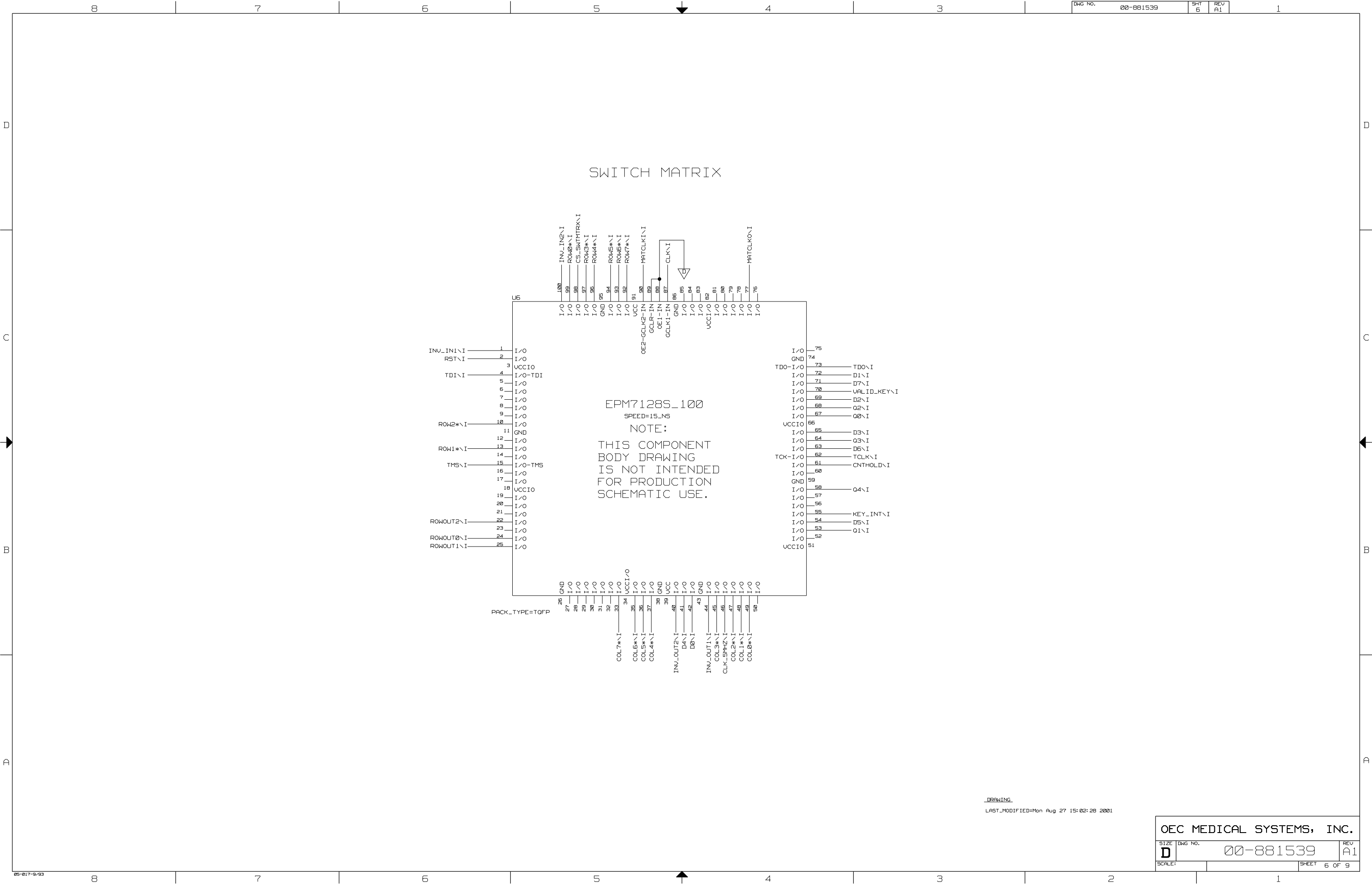


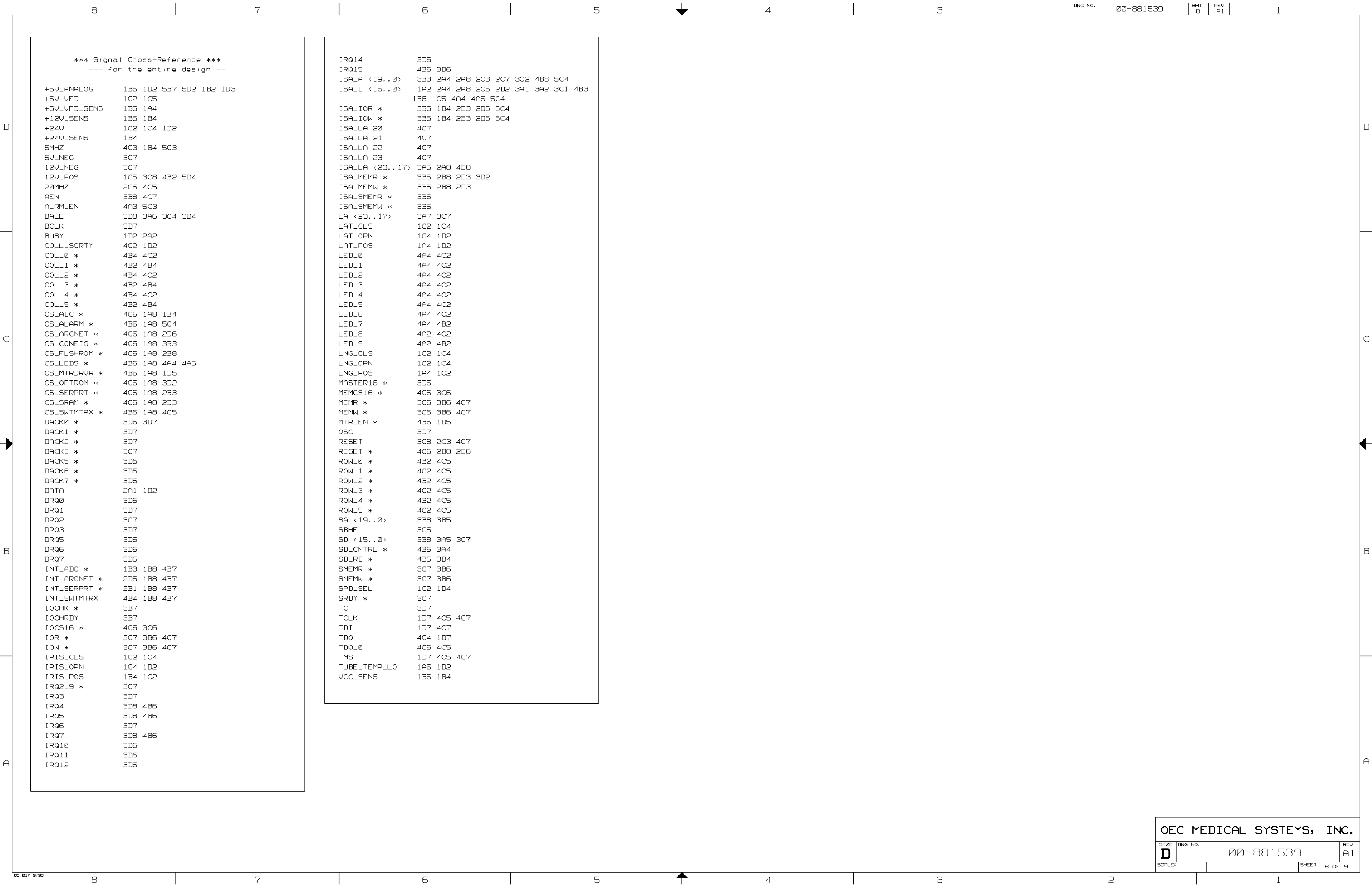
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00-8B1540-01  PCB, COLLIMATOR CONTROL, A/F
00-8B1541-60  SPEC, PERF COLLIMATOR INTF PCB
00-901419-01  BRKT, ISA, DSUB CUTOUT
12-225104-04  SCH, SEMS SPR, PAN, TRX, 4-40, 1/4, SZC SIZE=2
ASM_U6
00-882055-01  ASM, FW, SWT MTRX, COLL, INTFCE, 2800
ASM_U17
00-882058-01  ASM, FW, DECODE, COLL, INTFCE, 2800
ASM_U14
00-884189-01  FW ASM, COLL INTF, OPT ROM
81-559614-00  WIRE, 1422, 30-SOL, UL, WHT., .0200D

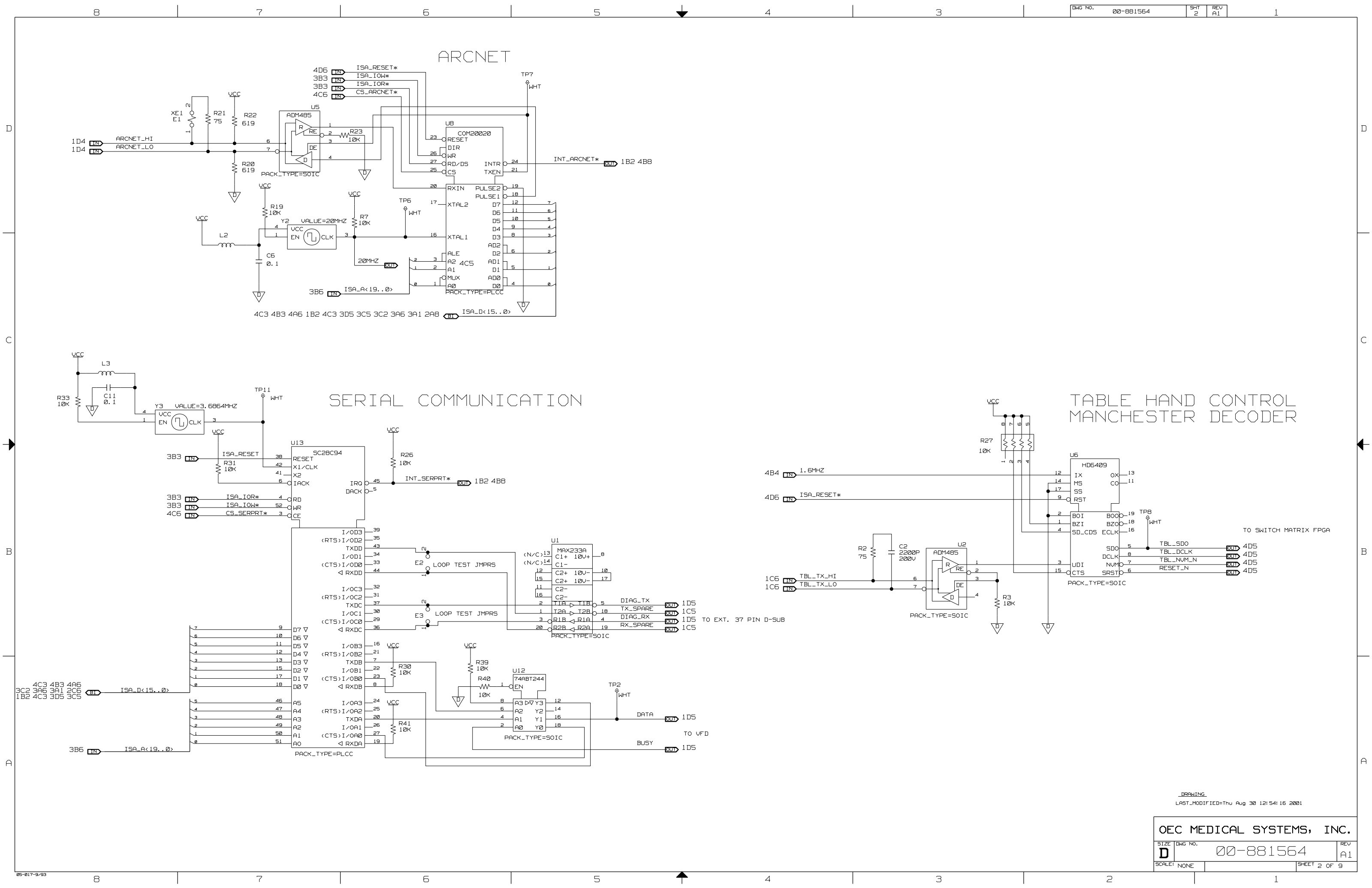
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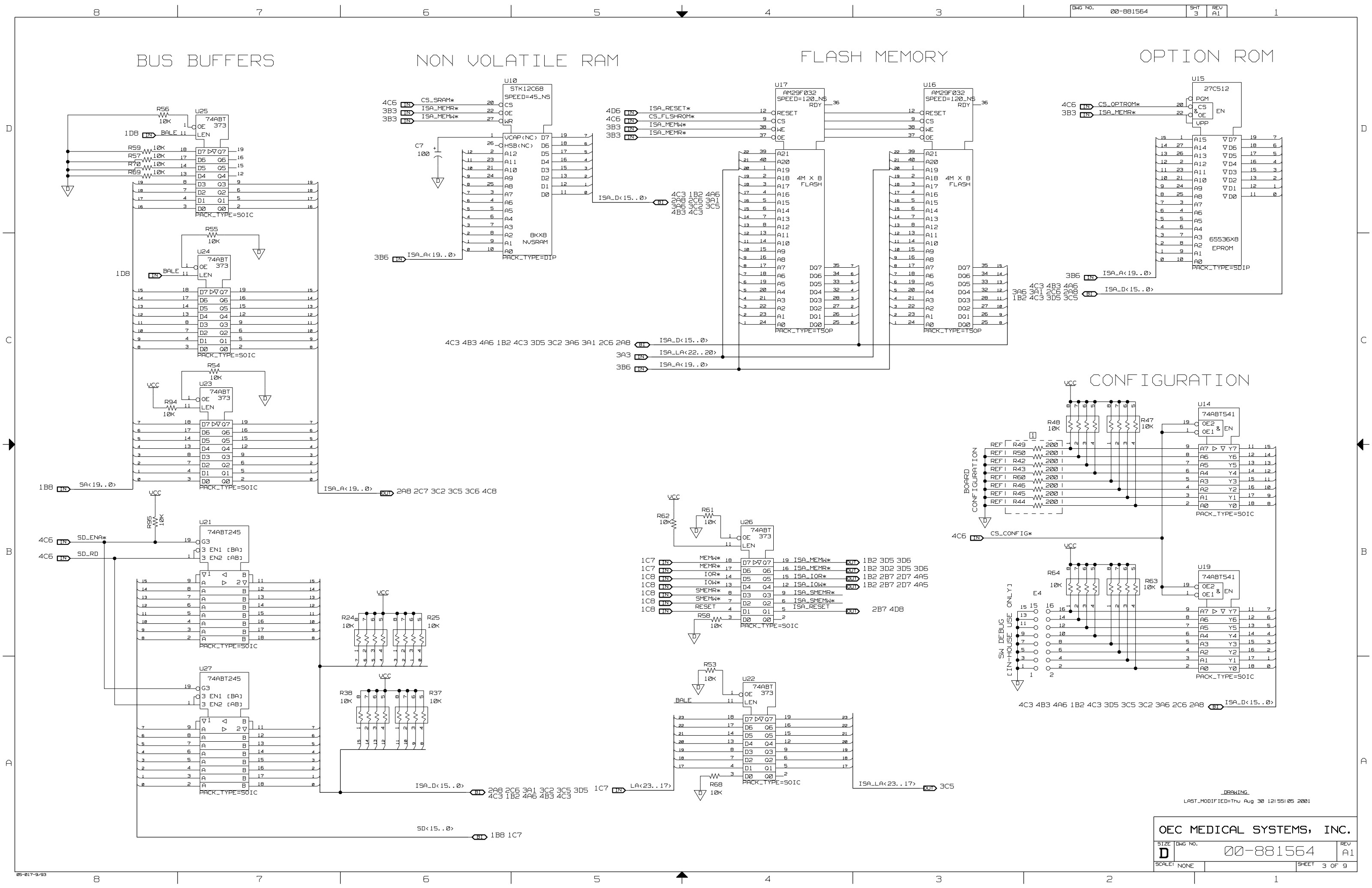
DRAWING
LAST_MODIFIED=Mon Aug 27 15:08:40 2001





8		7		6		5		4		3		2		1	
<div><div><div>*** Unit Cross-Reference *** --- for the entire design ---</div><div><div>ASM_U6 ADDONS 5A8</div><div>ASM_U14 ADDONS 5A8</div><div>ASM_U17 ADDONS 5A8</div><div>C1 TASMT_6032 5D3</div><div>C2 CERSMT_1206 1A5</div><div>C3 CERSMT_1206 1B3</div><div>C4 CERSMT_1206 1A4</div><div>C5 TASMT_6032 1B3</div><div>C6 CERSMT_1206 1D2</div><div>C7 CERSMT_1206 1B4</div><div>C9 CERSMT_1206 2C7</div><div>C10 CERSMT_1206 5D3</div><div>C11 CERSMT_1206 1B5</div><div>C12 CERSMT_1206 1A4</div><div>C13 CERSMT_1206 1B3</div><div>C14 TASMT_7343H 2D3</div><div>C15 CERSMT_1206 2C3</div><div>C16 TASMT_7343 5B5</div><div>C17 TASMT_6032 1B3</div><div>C18 TASMT_7343 5A5</div><div>C100 CERSMT_1206 5B2</div><div>C101 CERSMT_1206 5A2</div><div>C102 CERSMT_1206 5B4</div><div>C103 CERSMT_1206 5A2</div><div>C104 CERSMT_1206 5B3</div><div>C105 CERSMT_1206 5A4</div><div>C106 CERSMT_1206 5B2</div><div>C107 CERSMT_1206 5A3</div><div>C108 CERSMT_1206 5B4</div><div>C109 CERSMT_1206 5A2</div><div>C110 CERSMT_1206 5A4</div><div>C111 CERSMT_1206 5A4</div><div>C112 CERSMT_1206 1B3</div><div>C113 CERSMT_1206 5B4</div><div>C114 CERSMT_1206 5A3</div><div>C115 CERSMT_1206 5B4</div><div>C116 CERSMT_1206 5B2</div><div>C117 CERSMT_1206 5A4</div><div>C118 CERSMT_1206 5B2</div><div>C119 CERSMT_1206 5B4</div><div>C121 CERSMT_1206 5A2</div><div>C122 CERSMT_1206 5A3</div><div>C123 CERSMT_1206 5B3</div><div>C124 CERSMT_1206 5B4</div><div>C125 CERSMT_1206 5A2</div><div>C126 CERSMT_1206 5B4</div><div>C130 CERSMT_1206 5A2</div><div>C131 CERSMT_1206 5A2</div><div>C132 CERSMT_1206 5B2</div><div>C133 CERSMT_1206 5A4</div><div>C134 CERSMT_1206 5B2</div><div>C135 CERSMT_1206 5A3</div><div>C136 CERSMT_1206 5B3</div><div>C137 CERSMT_1206 5A3</div><div>C138 CERSMT_1206 5B4</div><div>C139 CERSMT_1206 5B3</div><div>C140 CERSMT_1206 5A2</div><div>C141 CERSMT_1206 5A4</div><div>C142 CERSMT_1206 5B3</div><div>C143 CERSMT_1206 5A3</div><div>C144 CERSMT_1206 5B3</div><div>C145 CERSMT_1206 5A3</div><div>C146 CERSMT_1206 5B2</div><div>C147 CERSMT_1206 5A3</div><div>C148 CERSMT_1206 5B3</div><div>C149 CERSMT_1206 5A4</div><div>C150 CERSMT_1206 5B3</div><div>C151 CERSMT_1206 5A4</div><div>C152 CERSMT_1206 5B3</div><div>C153 CERSMT_1206 5A4</div></div><div><div>C154 CERSMT_1206 5B2</div><div>C155 CERSMT_1206 5A2</div><div>C156 CERSMT_1206 5B2</div><div>C157 CERSMT_1206 5A2</div><div>C158 CERSMT_1206 5B3</div><div>C159 CERSMT_1206 5A3</div><div>C160 CERSMT_1206 5B4</div><div>C161 CERSMT_1206 5A2</div><div>C162 CERSMT_1206 5B4</div><div>C163 CERSMT_1206 5A4</div><div>C164 CERSMT_1206 5B3</div><div>C165 CERSMT_1206 5A3</div><div>C166 CERSMT_1206 5B4</div><div>C167 CERSMT_1206 5A3</div><div>C168 CERSMT_1206 5B2</div><div>C169 CERSMT_1206 5A3</div><div>C170 CERSMT_1206 5B2</div><div>C171 CERSMT_1206 5A4</div><div>C172 CERSMT_1206 5B2</div><div>C173 CERSMT_1206 5A4</div><div>C174 CERSMT_1206 5B3</div><div>CB1 POLYSWITCH_3B12 1C5</div><div>DS1 LED4_67480200 4A3</div><div>E1 JMPST_1X2_90012601 2D7</div><div>E2 JMPST_1X2_90012601 2B2</div><div>E3 JMPST_1X2_90012601 2B2</div><div>E4 JMPST_2X8_90012602 3B2</div><div>FL1 EMI_FLTR_43600000 5D4</div><div>J1 CONN_EDGE_ISA16BIT 3B7 3C6 3C7 3C7 3D6 3D7 3D7</div><div>J2 DSUBRA_37_51970016 1C2 1D2 1D2</div><div>L1 FR_BD_SMT_43200000 1D2</div><div>L2 FR_BD_SMT_43200000 2C7</div><div>L3 FR_BD_SMT_43200000 2C3</div><div>LS1 ALARM_AUDIO 5C2</div><div>LS2 ALARM_AUDIO 5C2</div><div>MISC1 ADDONS 5A8</div><div>MISC2 ADDONS 5A8</div><div>MISC3 ADDONS 5A8</div><div>MISC4 ADDONS 5A8</div><div>MISC??? ADDONS 5A8</div><div>P3 DSUBRA_9_51109746 2D8</div><div>P4 DSUBRA_37_51970025 4B2 4B2 4C2 4C2</div><div>P5 HDSHRST_2X5_51408753 1D7</div><div>P6 HDBKST_2X20_90012602 1A7 1B7 1C7</div><div>R1 RESSMT_1206 1A6</div><div>R2 RESSMT_1206 5C7</div><div>R3 RESSMT_1206 5C7</div><div>R4 RESSMT_1206 5B7</div><div>R5 RESSMT_1206 1A4</div><div>R6 RESSMT_1206 1B4</div><div>R7 RESSMT_1206 1B5</div><div>R8 RESSMT_1206 1D5</div><div>R9 RESSMT_1206 1C5</div><div>R10 RESSMT_1206 1C4</div><div>R11 RESSMT_1206 1B4</div><div>R12 RESSMT_1206 1B5</div><div>R13 RESSMT_1206 1C5</div><div>R14 RESSMT_1206 4A3</div><div>R15 RESSMT_1206 4A3</div><div>R16 RESSMT_1206 4A4</div><div>R17 RESSMT_1206 4A4</div><div>R18 RESSMT_1206 4A4</div><div>R19 RESSMT_1206 4A4</div><div>R20 RESSMT_1206 4A4</div><div>R21 RESSMT_1206 4A4</div><div>R22 RESSMT_1206 4A4</div><div>R23 RESSMT_1206 4A4</div><div>R24 RESSMT_1206 2D7</div><div>R25 RESSMT_1206 2D6</div><div>R26 RESSMT_1206 2D6</div><div>R27 RESSMT_1206 2D7</div><div>R28 RESSMT_1206 2D7</div></div><div><div>R29 RESSMT_1206 2D7</div><div>R31 RESSMT_1206 5B7</div><div>R32 RESSMT_1206 5B7</div><div>R33 RESSMT_1206 1B5</div><div>R34 RESSMT_1206 5B7</div><div>R35 RESSMT_1206 1A4</div><div>R36 RESSMT_1206 1B5</div><div>R37 RESSMT_1206 1C6</div><div>R38 RESSMT_1206 4C5</div><div>R39 RESSMT_1206 4C5</div><div>R40 RESSMT_1206 4C5</div><div>R41 RESSMT_1206 4C5</div><div>R42 RESSMT_1206 4C5</div><div>R43 RESSMT_1206 2C3</div><div>R44 RESSMT_1206 2B2</div><div>R45 RESSMT_1206 4A5</div><div>R46 RESSMT_1206 2B2</div><div>R47 RESSMT_1206 2C4</div><div>R48 RESSMT_1206 5B6</div><div>R49 RESSMT_1206 5C6</div><div>R50 RESSMT_1206 2B1</div><div>R51 RESSMT_1206 2B1</div><div>R52 RESSMT_1206 3B2</div><div>R53 RESSMT8DIP4X 3C2</div><div>R54 RESSMT_1206 3B2</div><div>R55 RESSMT_1206 3B2</div><div>R56 RESSMT_1206 3B2</div><div>R57 RESSMT_1206 3C2</div><div>R58 RESSMT_1206 3B2</div><div>R59 RESSMT_1206 3C2</div><div>R60 RESSMT8DIP4X 3C2</div><div>R61 RESSMT_1206 3C2</div><div>R62 RESSMT_1206 2A2</div><div>R63 RESSMT_1206 2B2</div><div>R65 RESSMT8DIP4X 3B2</div><div>R66 RESSMT8DIP4X 3B3</div><div>R67 RESSMT8DIP4X 3B3</div><div>R68 RESSMT_1206 1D7</div><div>R69 RESSMT_1206 1D7</div><div>R70 RESSMT_1206 3B6</div><div>R71 RESSMT_1206 3A6</div><div>R72 RESSMT_1206 4A4</div><div>R73 RESSMT8DIP4X 3A2</div><div>R74 RESSMT8DIP4X 3A3</div><div>R75 RESSMT_1206 3C4</div><div>R76 RESSMT_1206 3C4</div><div>R77 RESSMT_1206 3D4</div><div>R78 RESSMT_1206 3B6</div><div>R79 RESSMT_1206 3B6</div><div>R80 RESSMT_1206 3B6</div><div>R81 RESSMT_1206 3B6</div><div>R82 RESSMT_1206 3D4</div><div>R83 RESSMT8DIP4X 3B2</div><div>R84 RESSMT_1206 5C3</div><div>R85 RESSMT_1206 1D7</div><div>R86 RESSMT_1206 1D7</div><div>R87 RESSMT_1206 3D4</div><div>R88 RESSMT_1206 3D4</div><div>R89 RESSMT_1206 3D4</div><div>R90 RESSMT_1206 5C3</div><div>R91 RESSMT_1206 5C3</div><div>R92 RESSMT_1206 2C2</div><div>R93 RESSMT_1206 3C4</div><div>R94 RESSMT_1206 4C5</div><div>R95 RESSMT_1206 4C5</div><div>R96 RESSMT_1206 4C5</div><div>R97 RESSMT_1206 4C5</div><div>R98 RESSMT_1206 4C5</div><div>R99 RESSMT_1206 4C5</div><div>TP1 TEST_POINT_COLOR 4C4</div><div>TP3 TEST_POINT_COLOR 4C3</div><div>TP4 TEST_POINT_COLOR 2D6</div><div>TP5 TEST_POINT_COLOR 5D3</div></div><div><div>TP6 TEST_POINT_COLOR 5B1</div><div>TP7 TEST_POINT_COLOR 5B2</div><div>TP8 TEST_POINT_COLOR 2C3</div><div>TP9 TEST_POINT_COLOR 5B4</div><div>TP10 TEST_POINT_COLOR 5B2</div><div>TP11 TEST_POINT_COLOR 5D3</div><div>U1 78L05 5D3</div><div>U2 LM324 1B5 5B7 5C7</div><div>U3 ADM485 2D7</div><div>U4 ADC10158 1B3</div><div>U5 74ABT574 1D5</div><div>U7 74ABT574 4A5</div><div>U8 COM20020 2D6</div><div>U9 STK12C68 2D3</div><div>U10 74ABT244 2B1</div><div>U11 SC28C94 2C2</div><div>U12 74HC00 5B6 5C3</div><div>U13 MIC4427 5C2</div><div>U14 27C512_200 3D2</div><div>U15 AM29F032 2C6</div><div>U16 AM29F032 2C7</div><div>U18 74ABT373 3B6</div><div>U19 74ABT541 3B1</div><div>U20 82C54 5C4</div><div>U21 74ABT245 3B4</div><div>U22 74ABT373 3B6</div><div>U23 74ABT574 4A3</div><div>U24 74ABT541 3C1</div><div>U25 74ABT373 3C4</div><div>U26 74ABT373 3C4</div><div>U27 74ABT373 3D4</div><div>U28 74ABT245 3A4</div><div>Y1 OSC_SMT_EN_VCC 2D7</div><div>Y2 OSC_SMT_EN_VCC 2C3</div></div></div></div> <div><div><div>OEC MEDICAL SYSTEMS, INC.</div><div><div>SIZE</div><div>DWG NO.</div><div>REV</div></div><div><div>D</div><div>00-881539</div><div>A1</div></div><div><div>SCALE:</div><div>SHEET 9 OF 9</div></div></div></div>															





BUS BUFFERS

NON VOLATILE RAM

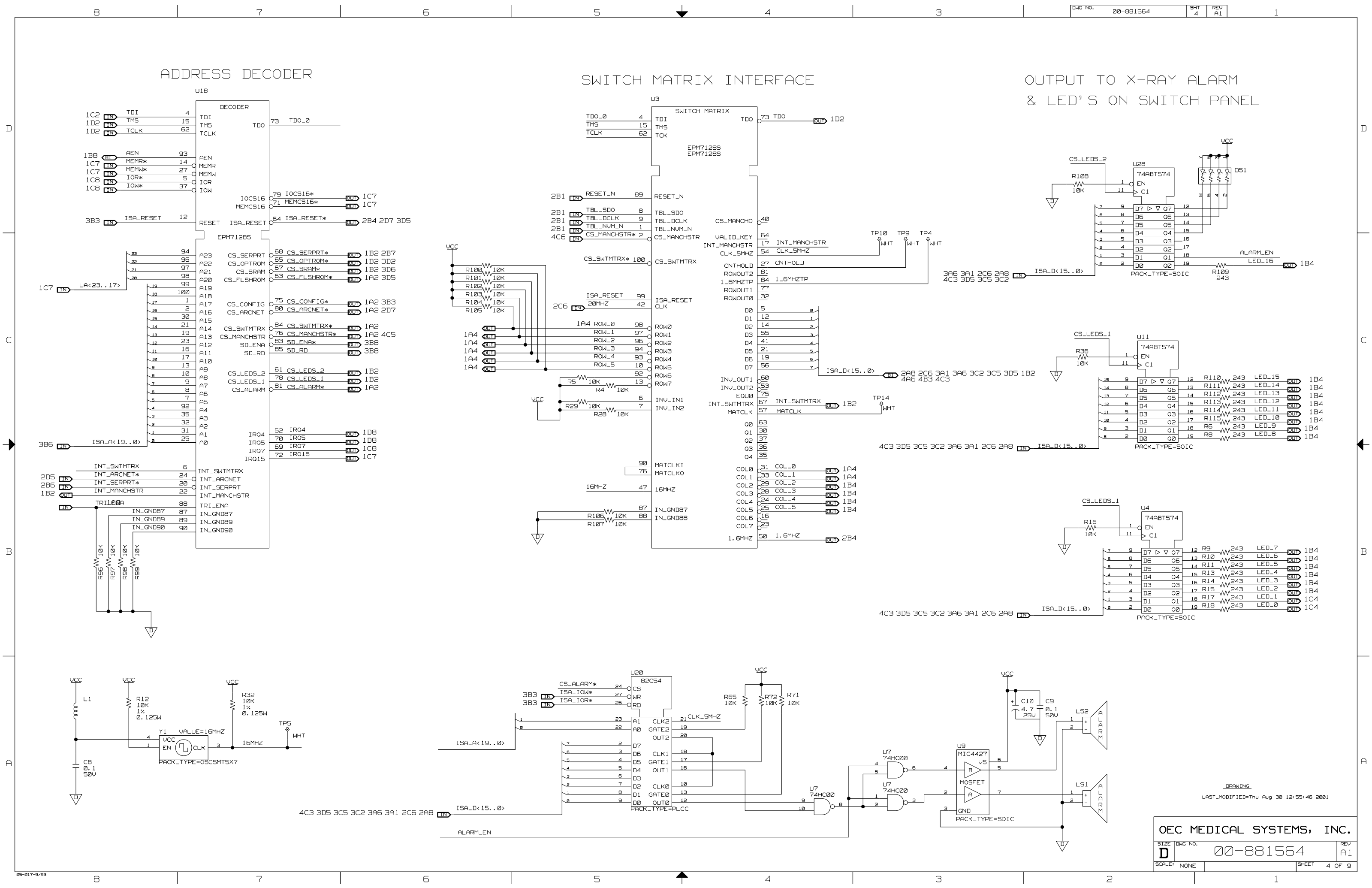
FLASH MEMORY

OPTION ROM

CONFIGURATION

OEC MEDICAL SYSTEMS, INC.

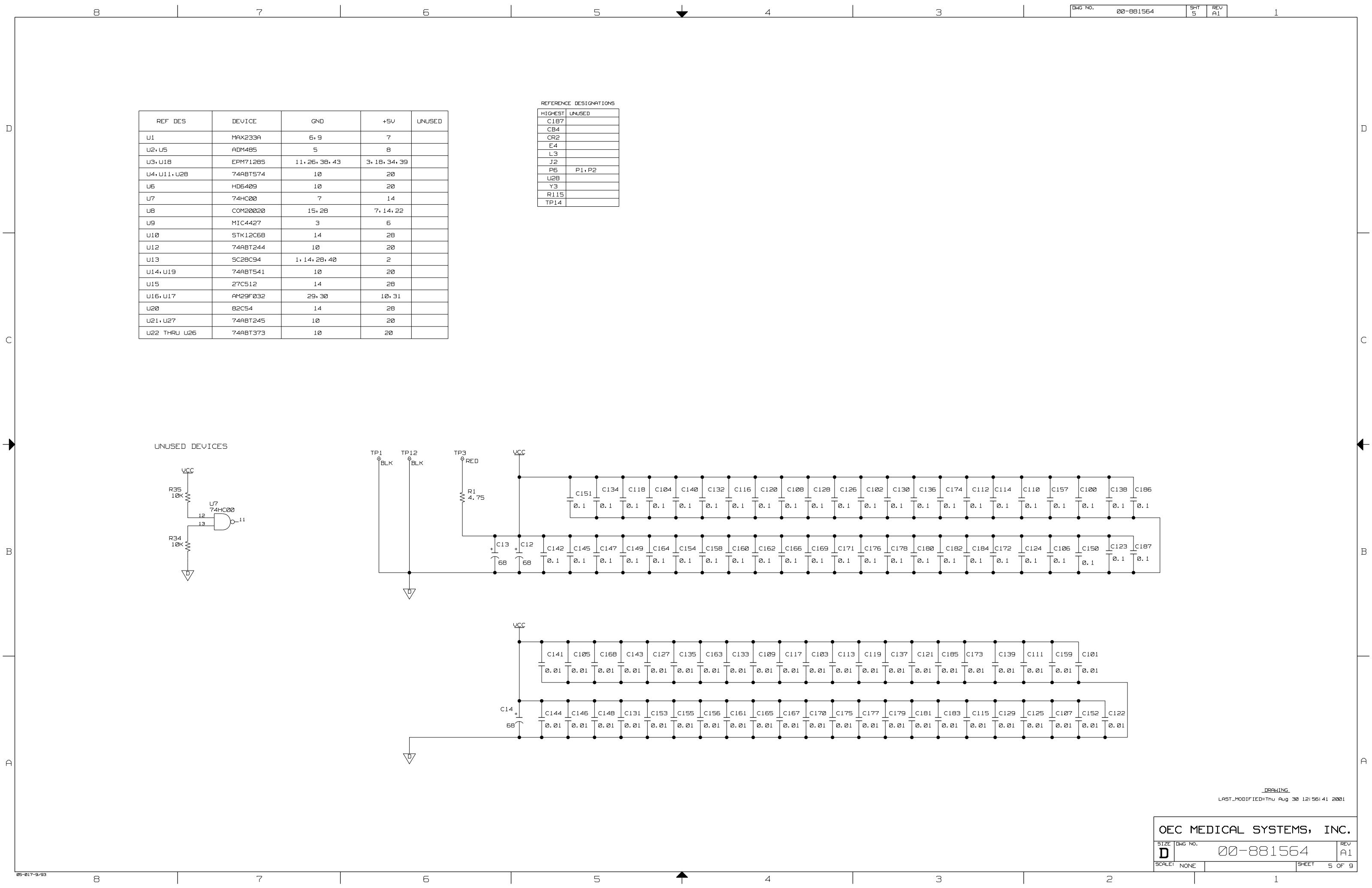
SIZE DWG NO. 00-881564 REV A1
SCALE: NONE SHEET 3 OF 9



ADDRESS DECODER

SWITCH MATRIX INTERFACE

OUTPUT TO X-RAY ALARM
& LED'S ON SWITCH PANEL



DRAWING

LAST_MODIFIED=Thu Aug 30 12:56:41 2001

OEC MEDICAL SYSTEMS, INC.

SIZE D

DWG NO. 00-881564

REV A1

SCALE: NONE

SHEET 5 OF 9

05-017-9/93

8

7

6

5

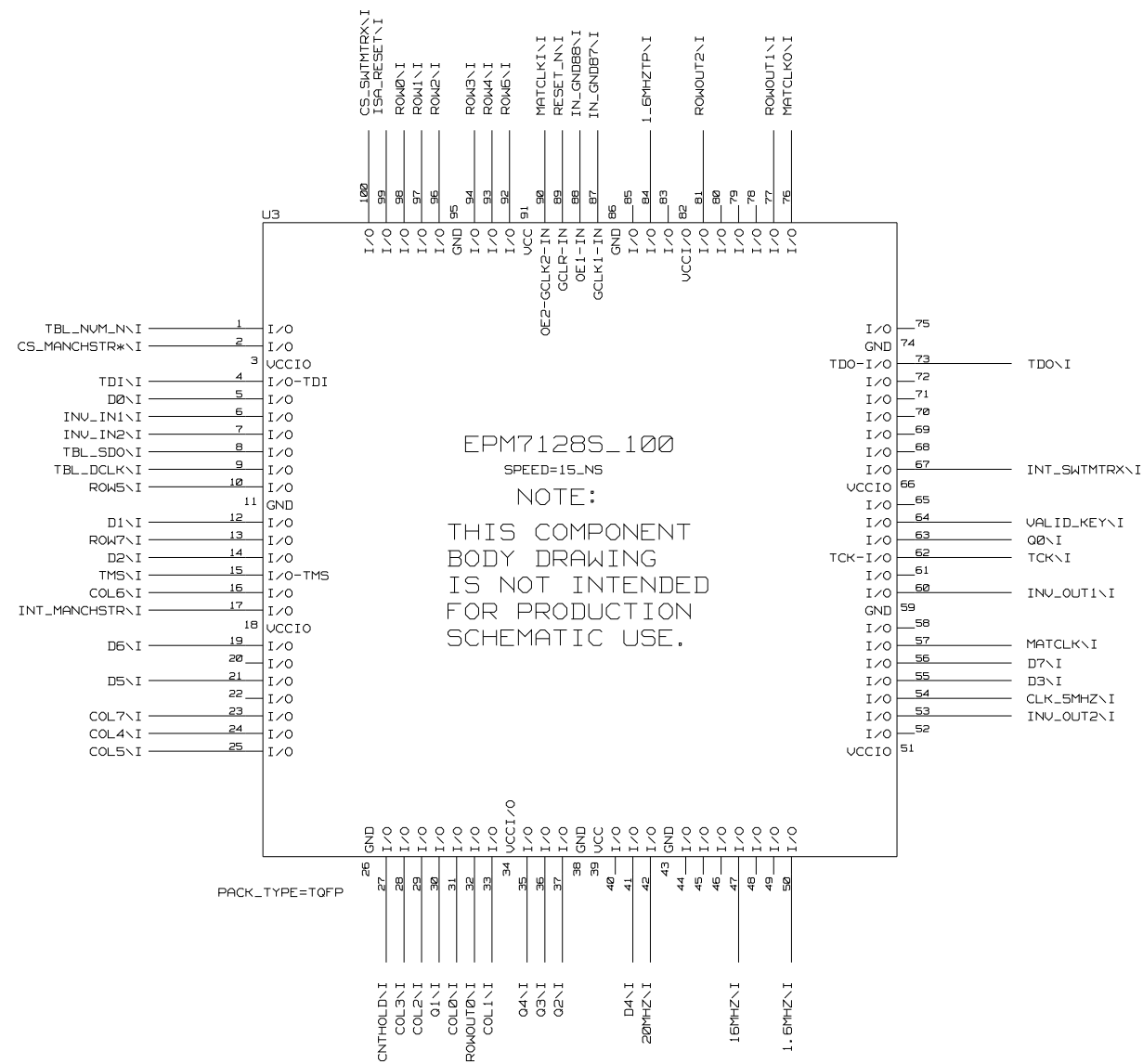
4

3

2

1

SWITCH MATRIX

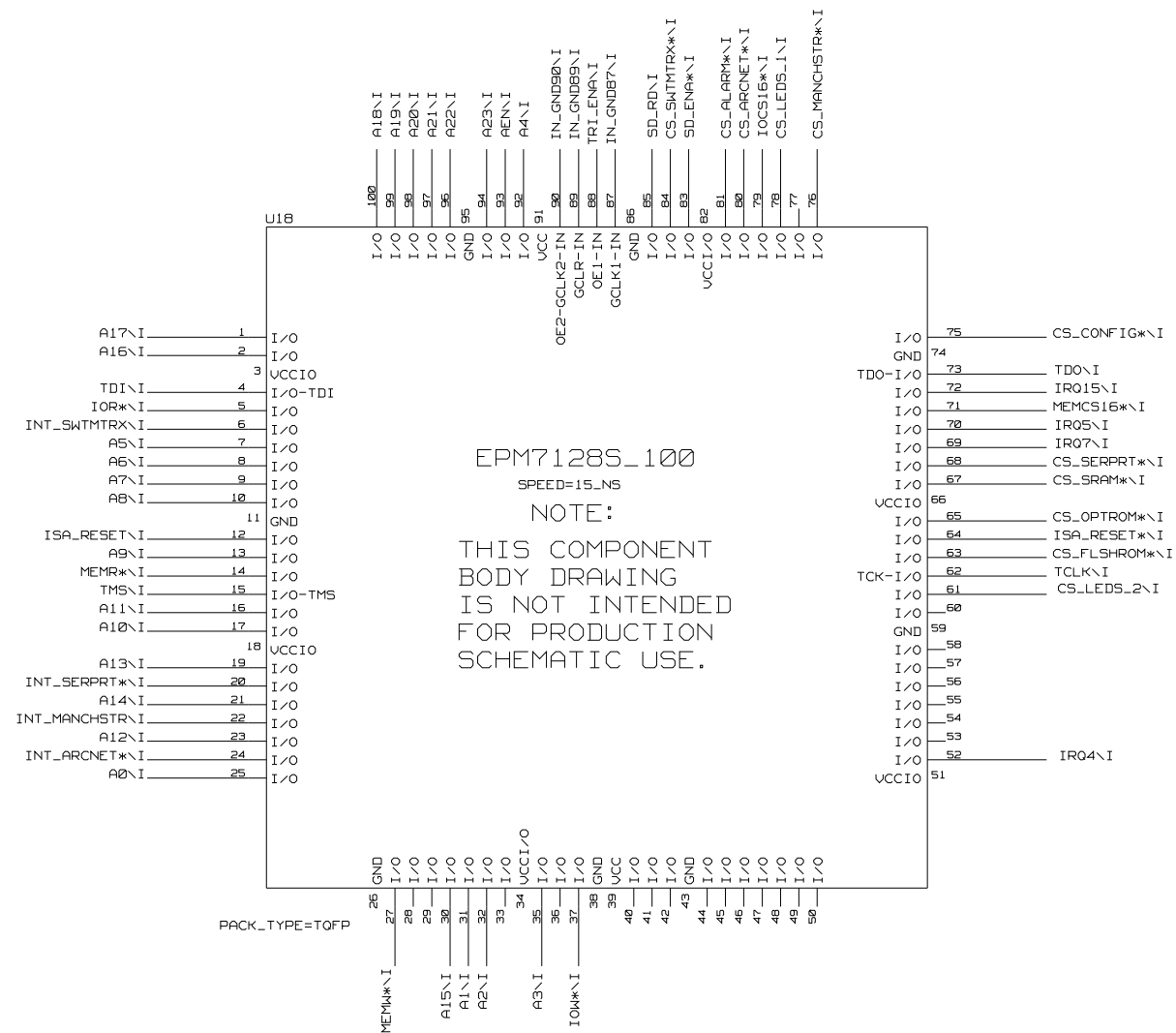


EPM7128S_100
SPEED=15_N5
NOTE:
THIS COMPONENT
BODY DRAWING
IS NOT INTENDED
FOR PRODUCTION
SCHEMATIC USE.

DRAWING

LAST_MODIFIED=Thu Aug 30 12:59:10 2001

DECODE



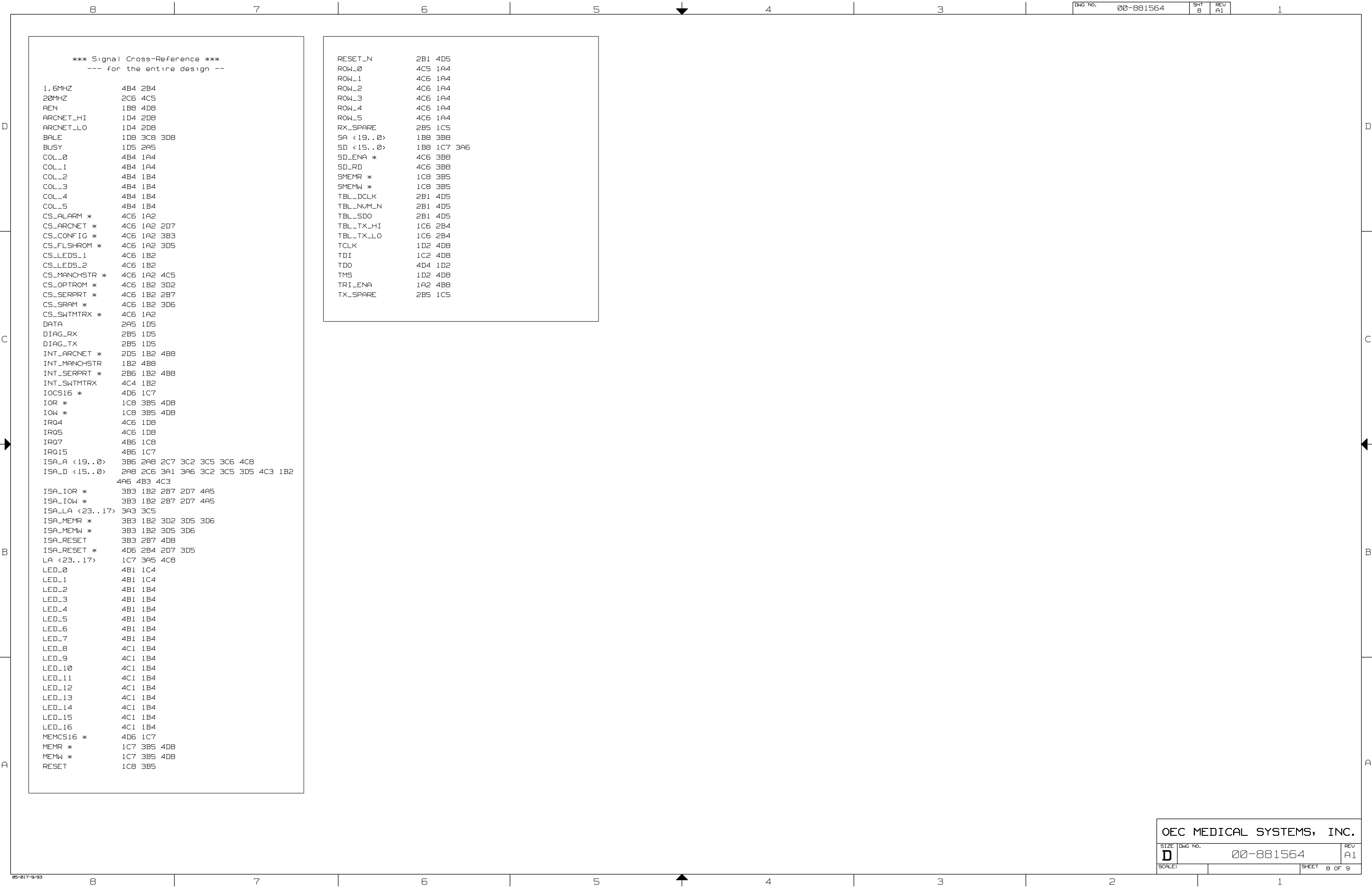
EPM71285_100

SPEED=15_NS

NOTE:
THIS COMPONENT
BODY DRAWING
IS NOT INTENDED
FOR PRODUCTION
SCHEMATIC USE.

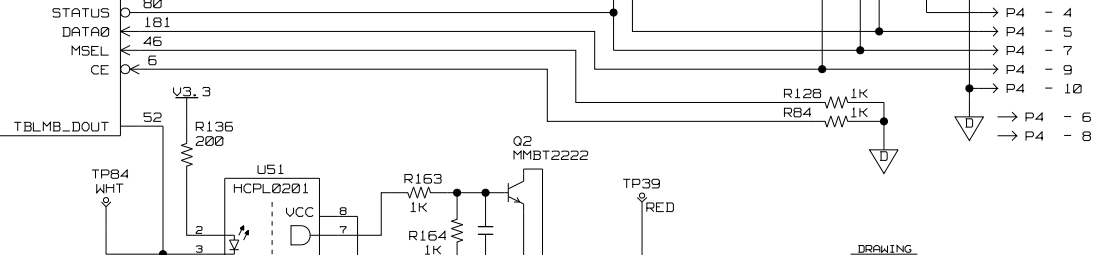
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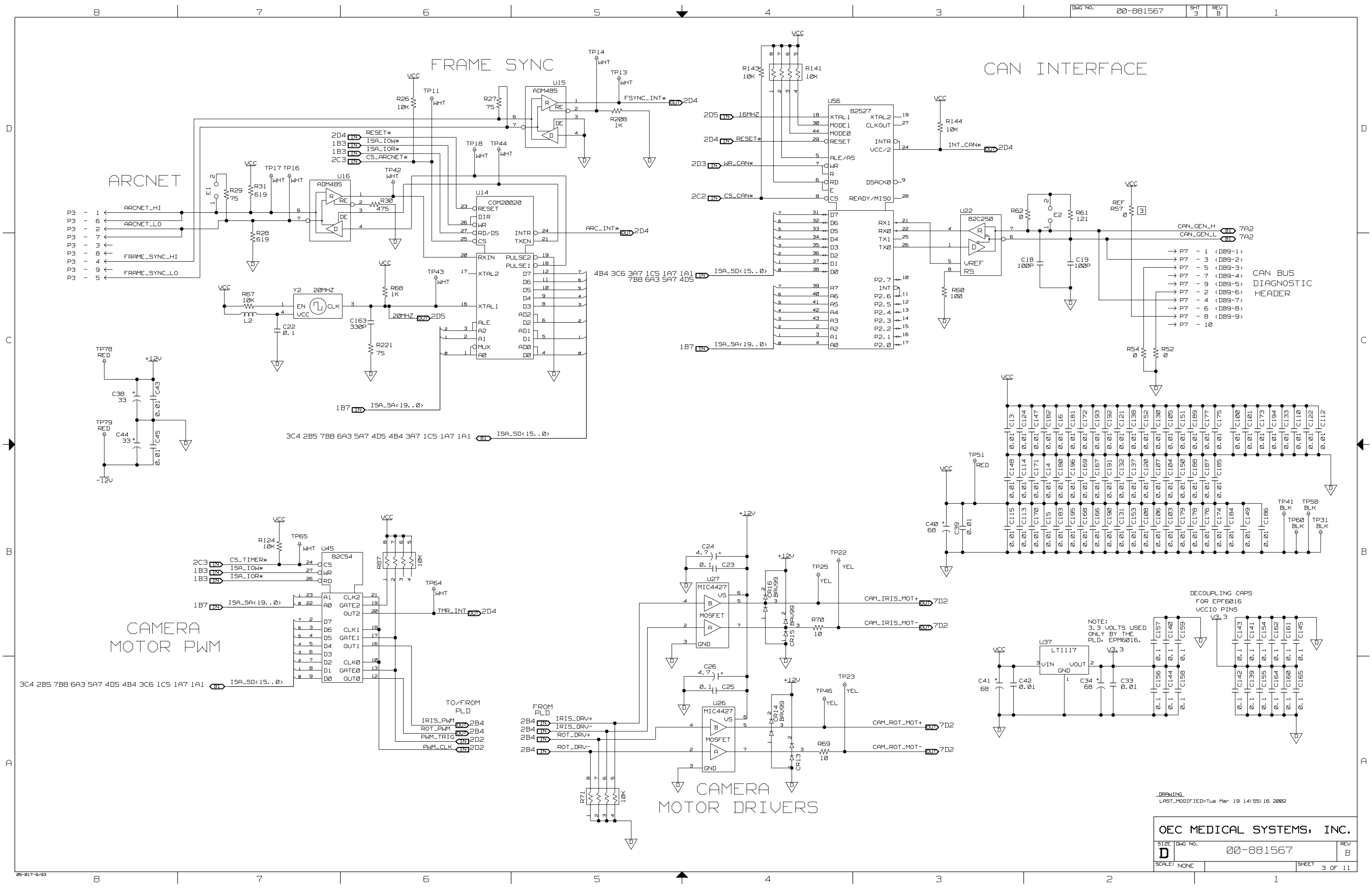
LAST_MODIFIED=Thu Aug 30 12:58:08 2001

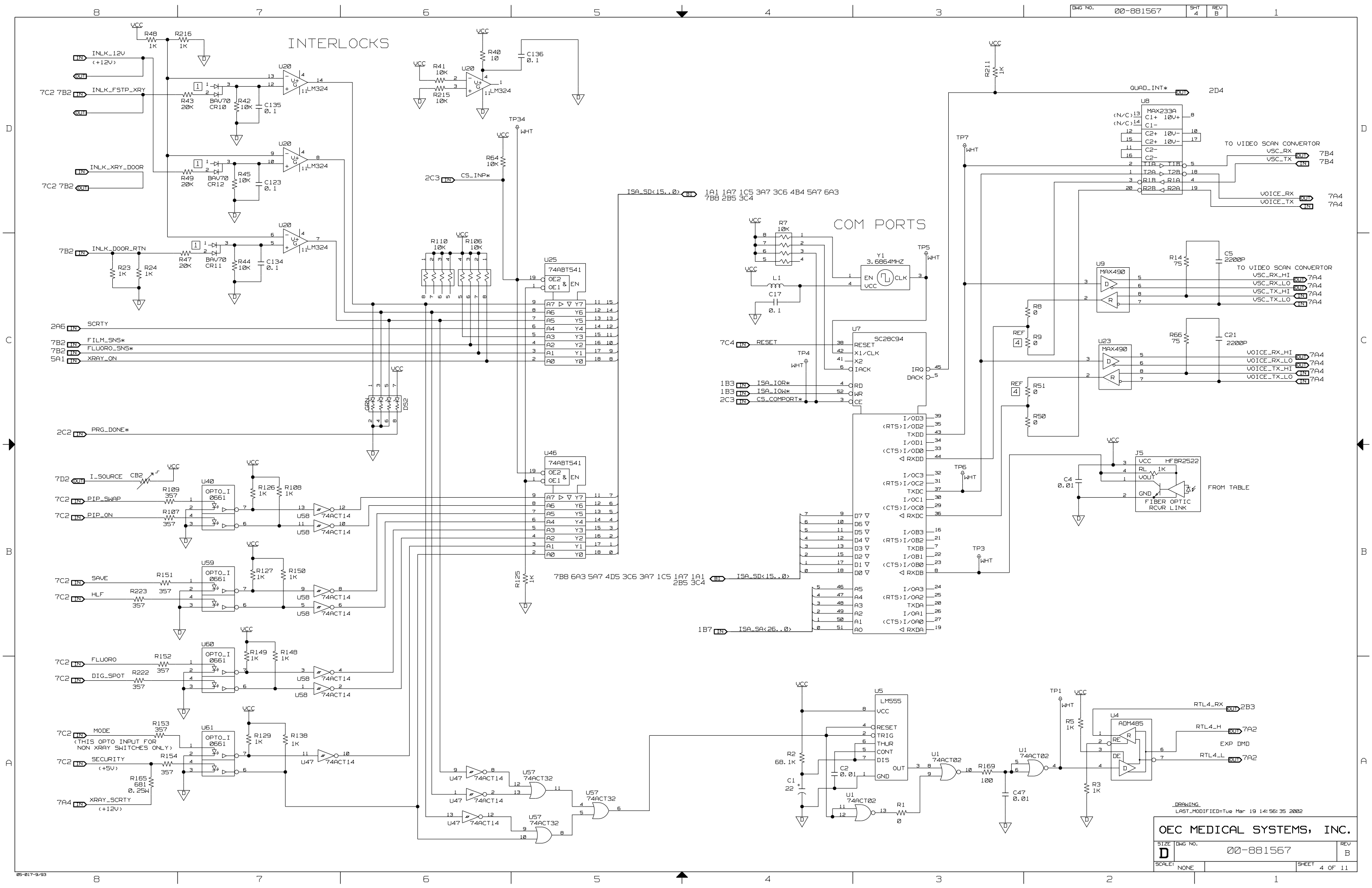


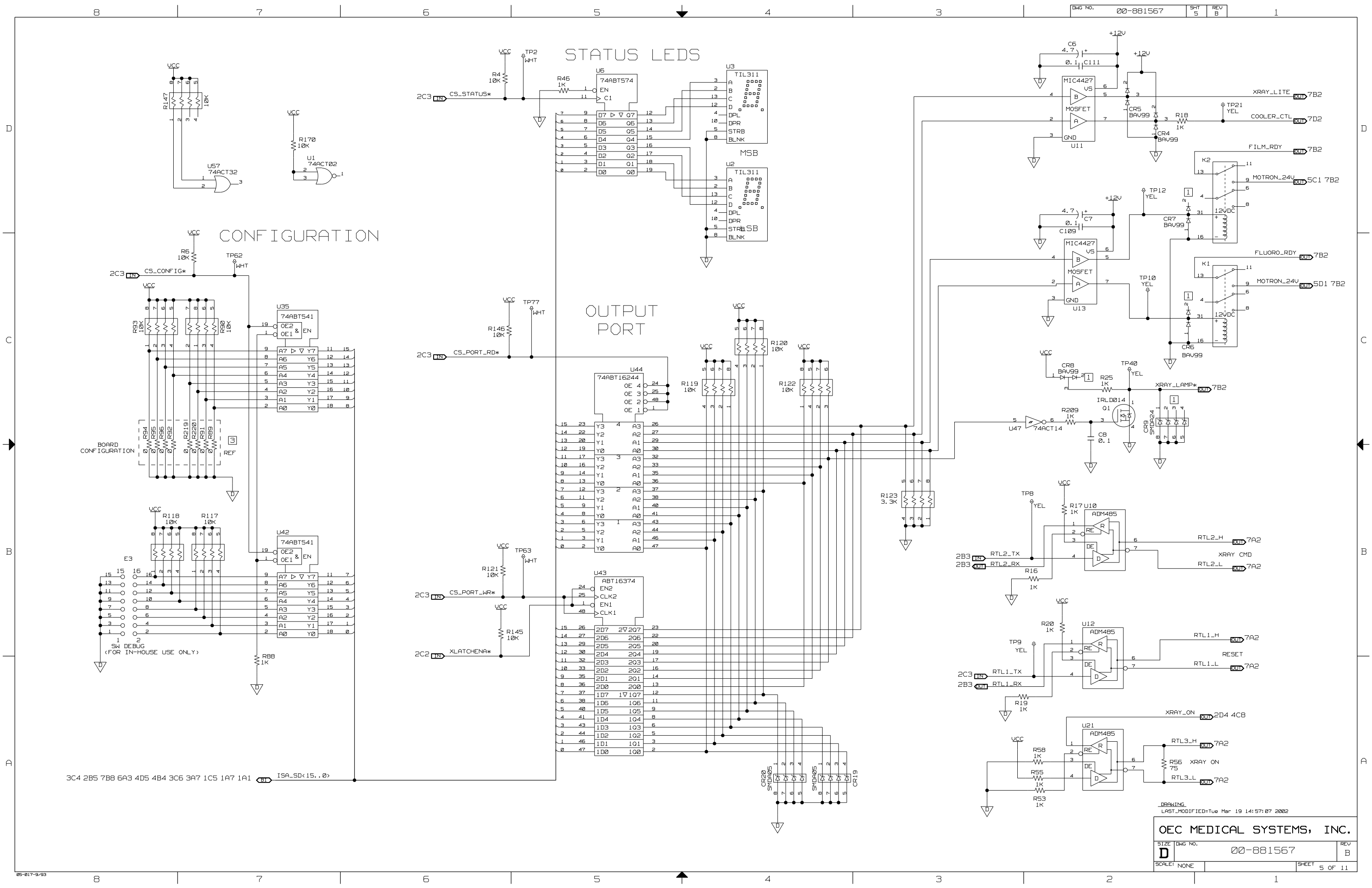
8		7		6		5		4		3		2		1	

A horizontal line representing a beam. A vertical line segment extends downwards from the center of the beam, ending in a downward-pointing triangle labeled 'D'.

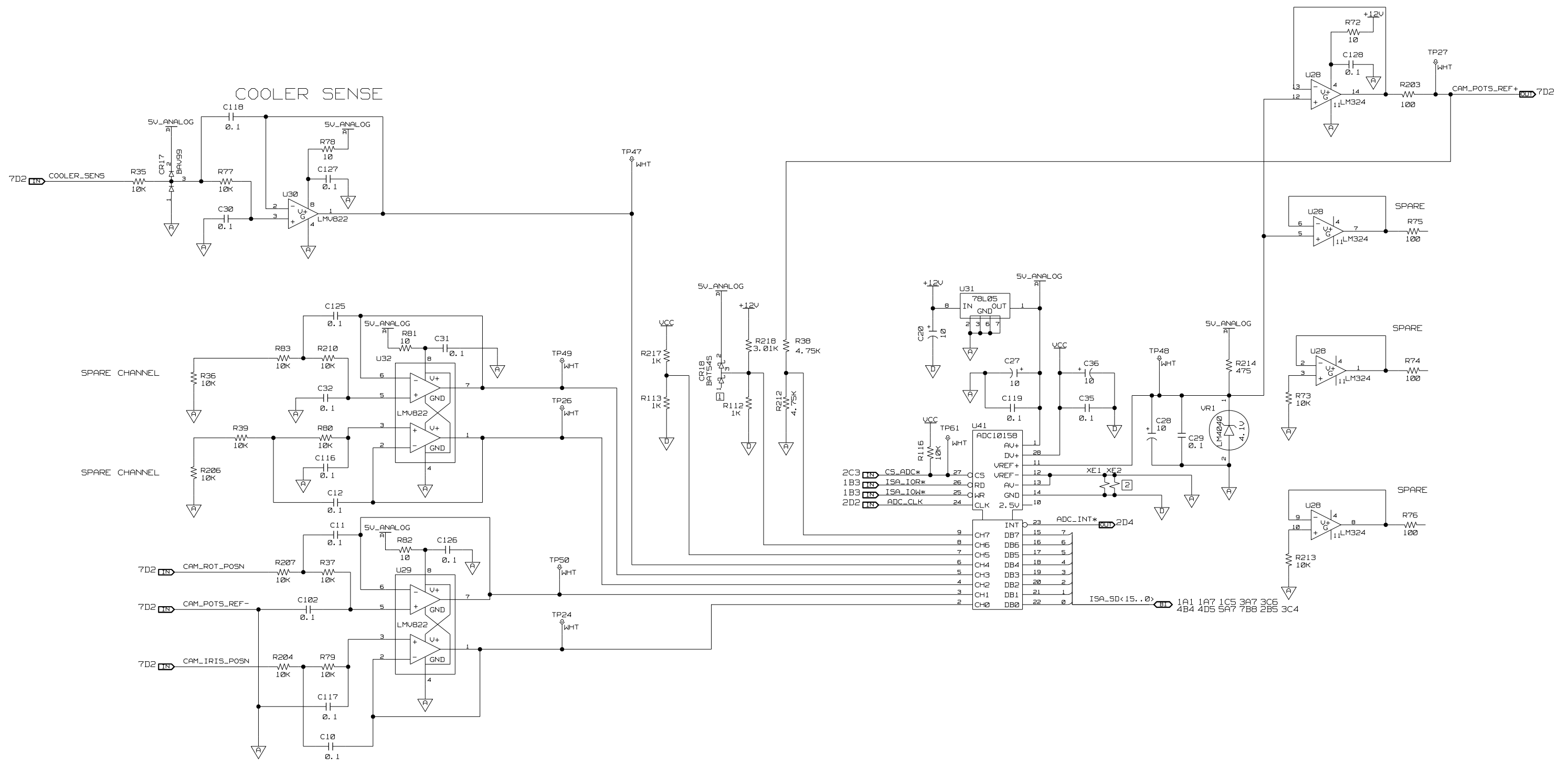








A/D CIRCUITRY



DRAWING
LAST_MODIFIED=Tue Mar 19 14:17:07 2002

OEC MEDICAL SYSTEMS, INC.

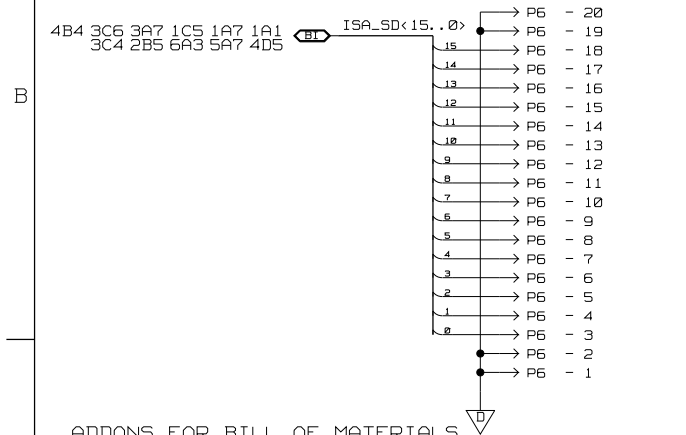
SIZE D	DWG NO. 00-881567	REV B
SCALE: NONE		SHEET 6 OF 11

REF DES	DEVICE	GND	+3.3V	+5V	+5V	X	UNUSED
U36	EPF6016	7, 25, 43 62, 78	8, 26 44, 111	9, 27 79, 96	45, 63 112, 131		
	EPF6016 (CONTINUED)	95, 110 129	130, 148	149, 166	183, 200		

REF DES	DEVICE	GND	+5V	UNUSED
U44	ABT16244	4, 10, 15, 21 28, 34, 39, 45	7, 18, 31, 42	
U55	ABT16245	4, 10, 15, 21 28, 34, 39, 45	7, 18, 31, 42	
U52, 53	ABT16373	4, 10, 15, 21 28, 34, 39, 45	7, 18, 31, 42	
U43	ABT16374	4, 10, 15, 21 28, 34, 39, 45	7, 18, 31, 42	
U4, 10, 12, 15, 16, 18, 19, 21	ADM485	5	8	
U34	74ABT245	10	20	
U25, 35, 42, 46	74ABT541	10	20	
U6	74ABT574	10	20	
U47, 58	74ACT14	7	14	
U48	EPC1	5	7, 8	
U45	B2C54	12	28	
U33	27C512	14	28	
U41	ADC1015B	AS SHOWN	AS SHOWN	
U2, 3	TIL311	5, 7, 8	1, 14	
U38, 39	AM29F032	29, 30	10, 31	
U14	COM20020	7, 14, 22	15, 28	
U17, 24	HD6409	10	20	
U8	MAX233A	7	6, 9	
U9, 23	MAX490	1	4	
U20, 28	LM324	AS SHOWN	AS SHOWN	
U29, 30, 32	LMV822	AS SHOWN	AS SHOWN	
U11, 13, 26, 27	MIC4427	AS SHOWN	AS SHOWN	
U37	LT1117	1	3	
U40, 59, 60	OPTP_I_0661	5	8	
U7	SC28C94	1, 14, 28, 40	2	
U54	STK12C68	14	28	
U51	HCPL0201	AS SHOWN	AS SHOWN	
U56	B2527	20, 23	1	
U22	B2C250	2	3	
U5	LM555	AS SHOWN	AS SHOWN	
U57	74ACT32	7	14	
U1	74ACT02	7	14	
U49, 50	HCP0501	AS SHOWN	AS SHOWN	

REF DES	DEVICE	AGND	+5V_ANALOG	+12V
U31	78L05	2, 3, 6, 7	1	U1

DEBUG CONNECTORS



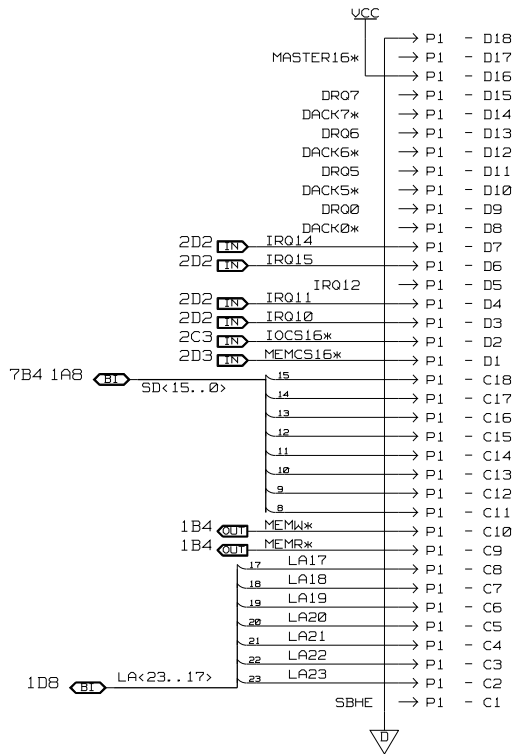
ADDONS FOR BILL OF MATERIALS

- 00-900456-01 BRKT, END, PCB
- 12-225104-04 SCR, SEMS SPR, PAN, TRX, 4-40, 1/4, SZC SIZE=2
- 00-881567-02 SCH, PCB, TABLE/GEN INTERFACE
- 00-881568-01 PCB, TABLE/GEN INTERFACE, A/F
- 00-881569-60 SPEC, PERF, TBL/GEN INTERF PCB
- ASM_U48
- 00-881881-02 ASM, FW, TABLE INTERFACE
- ASM_U33
- 00-884191-01 FW ASM, TABLE GEN INTF, OPT ROM

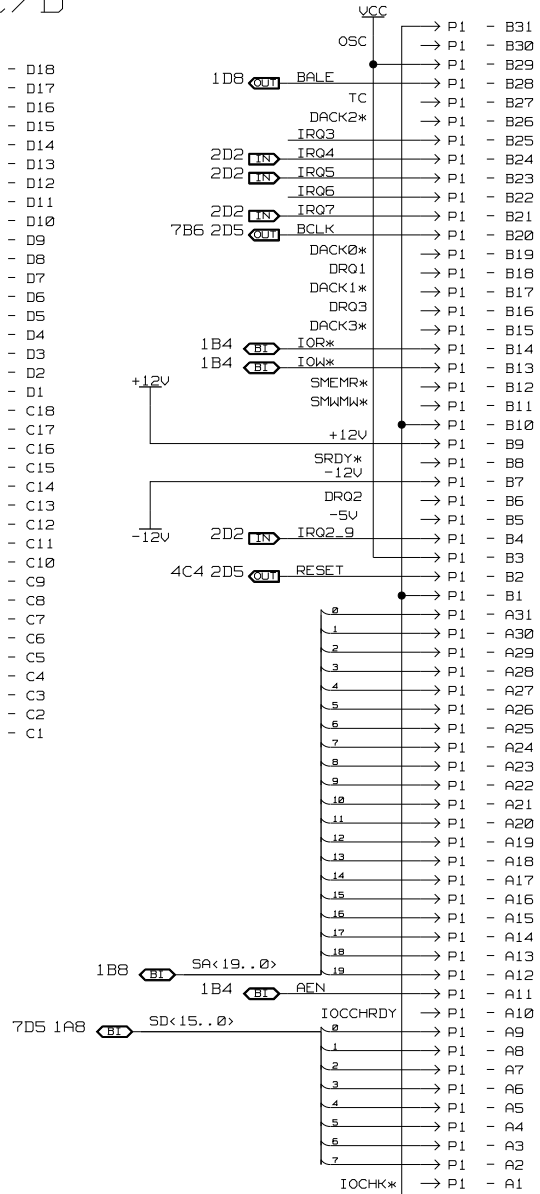
NOTES

- LEAD(S) NOT CONNECTED, SINCE ADDITIONAL COMPONENT IN PACKAGE IS NOT USED.
- THE SHORTING JUMPER IS A TRACE AND NOT AN INSTALLED COMPONENT.
- COMPONENTS WITHIN THE DOTTED BOX ARE NOT INSTALLED.
- COMPONENT NOT INSTALLED.

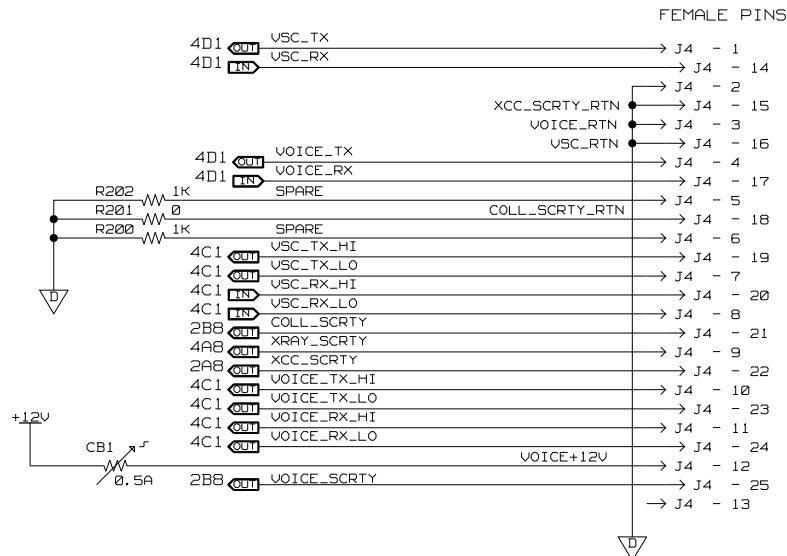
ISA CONNECTOR PINS C/D



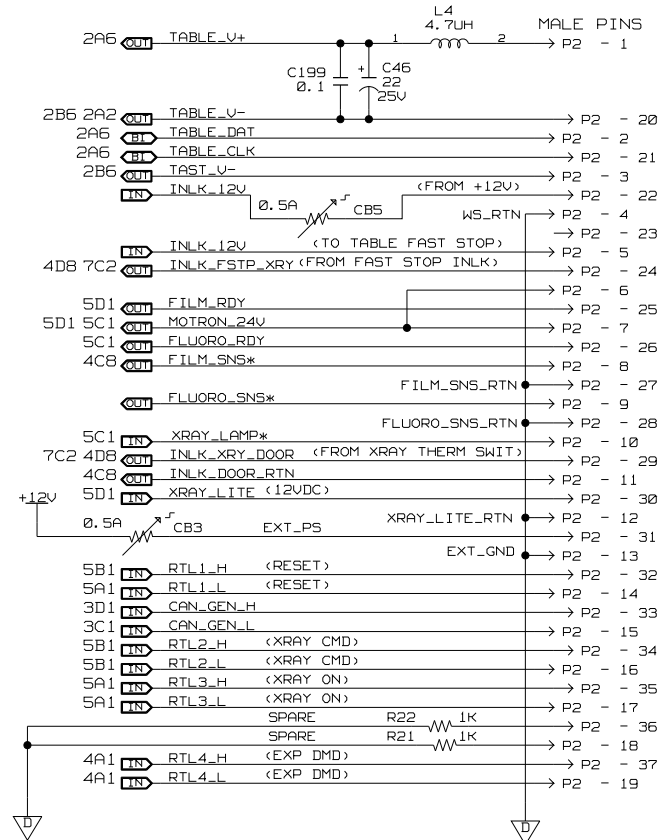
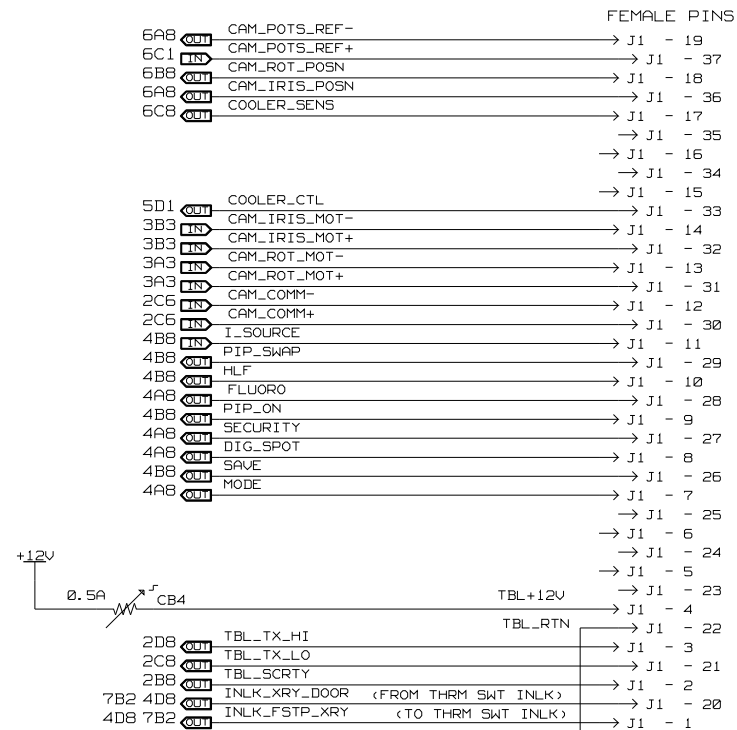
ISA CONNECTOR PINS A/B



25-PIN DSUB CONNECTOR



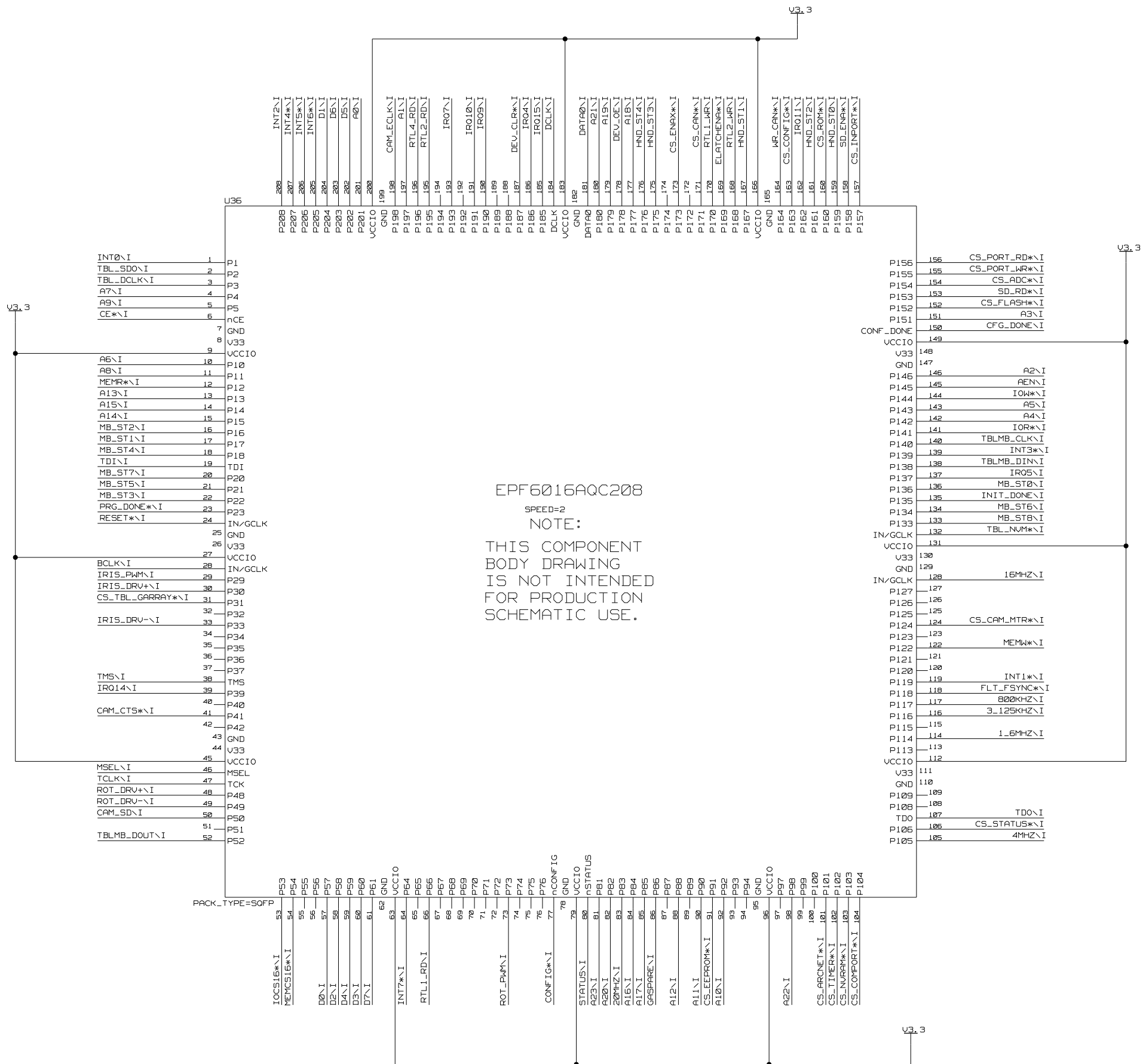
37-PIN DSUB CONNECTORS



DRAWING
LAST MODIFIED=Tue Mar 19 14:17:08 2002

OEC MEDICAL SYSTEMS, INC.

SIZE	DWG NO.	REV
D	00-881567	B
SCALE:	NONE	SHEET 7 OF 11



EPF6016AQC208

SPEED=2

THIS COMPONENT
BODY DRAWING
IS NOT INTENDED
FOR PRODUCTION
SCHEMATIC USE.

DRAWING
LAST_MODIFIED=Tue Mar 19 14:17:09 2002

OEC MEDICAL SYSTEMS, INC.

SIZE D	DWG NO. 00-881567	REV B
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SCALE:	NONE	SHEET	8 OF 11
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*** Signal Cross-Reference ***
--- for the entire design ---
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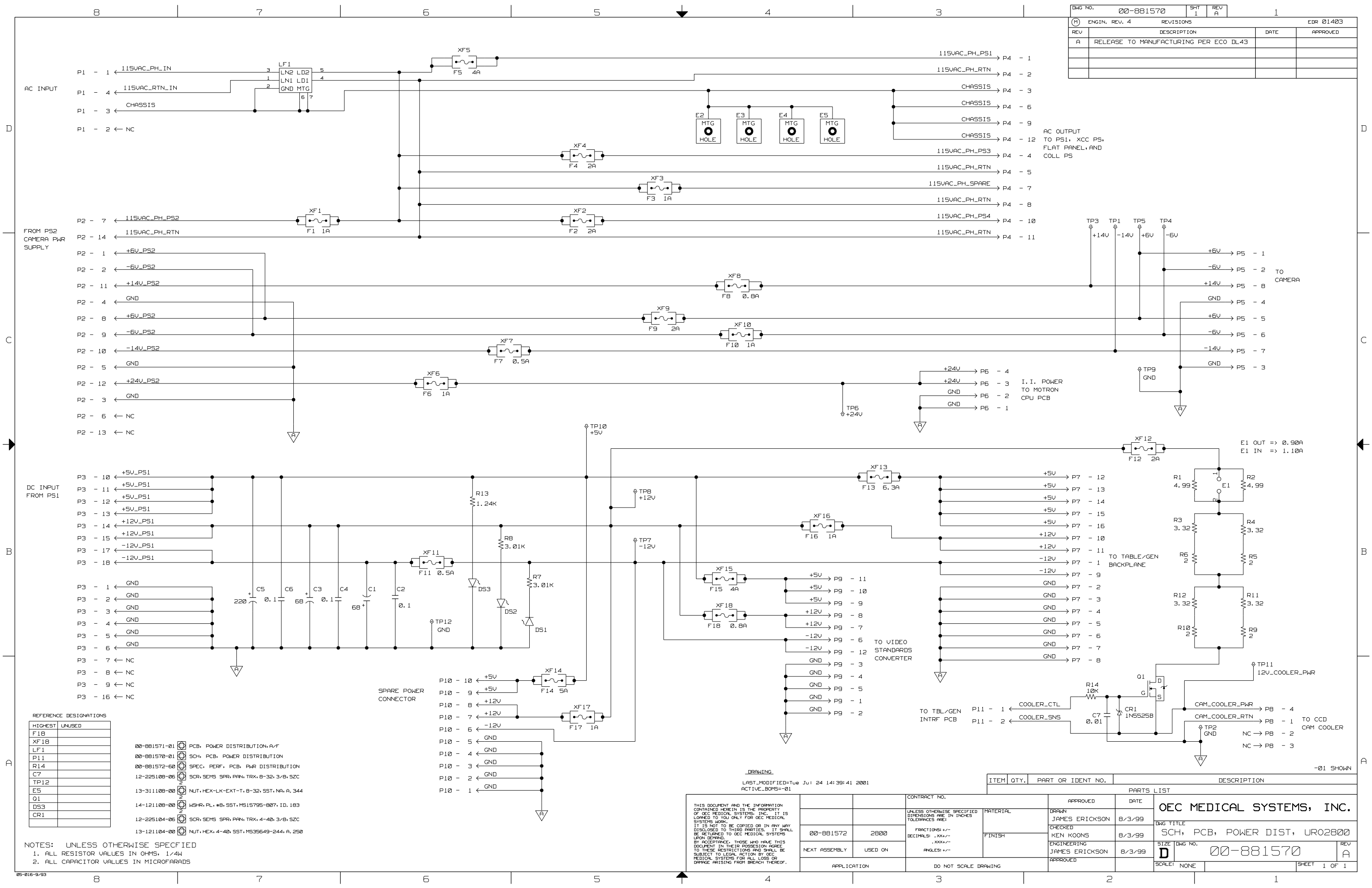
1.6MHZ_CLK	2D2	2C8	2D8	7B6
16MHZ	2D5	3D4		
20MHZ	3C6	2D5		
ADC_CLK	2D2	6B4		
ADC_INT *	6B3	2D4		
AEN	7B4	1B4		
ARCNET_HI	3D8			
ARCNET_LO	3D7			
ARC_INT *	3D5	2D4		
BALE	7D4	1D8		
BCLK	7D4	2D5	7B6	
CAM_COMM+	2C6	7D2		
CAM_COMM-	2C6	7D2		
CAM_CTS *	2A4	2B8		
CAM_ECLK	2B6	2A4		
CAM_IRIS_MOT+	3B3	7D2		
CAM_IRIS_MOT-	3B3	7D2		
CAM_IRIS_POSN	7D2	6A8		
CAM_POTS_REF+	6C1	7D2		
CAM_POTS_REF-	7D2	6A8		
CAM_ROT_MOT+	3A3	7D2		
CAM_ROT_MOT-	3A3	7D2		
CAM_ROT_POSN	7D2	6B8		
CAM_SD	2A4	2C8		
CAN_GEN_H	3D1	7A2		
CAN_GEN_L	3C1	7A2		
COLL_SCRTY	7A4	2B8		
COOLER_CTL	5D1	7D2		
COOLER_SENS	7D2	6C8		
CS_ADC *	2C3	6B4		
CS_ARCNET *	2C3	3D6		
CS_CAN *	2C2	3D4		
CS_COMPORT *	2C3	4C4		
CS_CONFIG *	2C3	5C8		
CS_FLASH *	2C3	1D4		
CS_INP *	2C3	4D6		
CS_NVRAM *	2C3	1C2		
CS_PORT_RD *	2C3	5C6		
CS_PORT_WR *	2C3	5B6		
CS_ROM *	2C3	1B2		
CS_STATUS *	2C3	5D6		
CS_TIMER *	7C3	3B7		
DIG_SPOT	7C2	4A8		
FILM_RDY	5D1	7B2		
FILM_SNS *	7B2	4C8		
FLUORO	7C2	4A8		
FLUORO_RDY	5C1	7B2		
FLUORO_SNS *	7B2	4C8		
FRAME_SYNC_HI	3C8			
FRAME_SYNC_LO	3C8			
FSYNC_INT *	3D5	2D4		
HLF	7C2	4B8		
HND_ST <4..0>	2B3	7B6		
INLK_12V	4D8	7B2		
INLK_DOOR_RTN	7B2	4C8		
INLK_FSTP_XRY	7B2	7C2	4D8	
INLK_XRY_DOOR	4D8	7B2	7C2	
INT_CAN *	3D3	2D4		
IOCS16 *	2C3	7D5		
IOR *	7D4	1B4		
IOW *	7D4	1B4		
IRIS_DRV+	2B4	3A5		
IRIS_DRV-	2B4	3A5		
IRIS_PWM	3A6	2B4		
IRQ2_9	2D2	7C4		
IRQ3	7D3			
IRQ4	2D2	7D4		
IRQ5	2D2	7D4		
IRQ6	7D3			
IRQ7	2D2	7D4		

[illegible]

VSC_RX_HI	4C1	7A4	
VSC_RX_LO	4C1	7A4	
VSC_TX	7B4	4D1	
VSC_TX_HI	7A4	4C1	
VSC_TX_LO	7A4	4C1	
WR_CAN *	2D3	3D4	
XCC_SCRTY	7A4	2A8	
XLATCHENA *	2C2	5B6	
XRAY_LAMP *	5C1	7B2	
XRAY_LITE	5D1	7B2	
XRAY_ON	5A1	2D4	4C8
XRAY_SCRTY	7A4	4A8	

8		7		6		5		4		3		2		1	
<div><div>*** Unit Cross-Reference *** --- for the entire design ---</div><div><div><div>ASM_U33 ADDONS 7A8 ASM_U48 ADDONS 7A8 C1 TASMT_7343 4A4 C2 CERSMT_1206 4A4 C4 CERSMT_0805 4B2 C5 CERSMT_0805 4C1 C6 TASMT_6032 5D2 C7 TASMT_6032 5D2 C8 CERSMT_0805 5C2 C9 CERSMT_0805 2D8 C10 CERSMT_0805 6A7 C11 CERSMT_0805 6B7 C12 CERSMT_0805 6B7 C13 CERSMT_0805 3C3 C14 CERSMT_0805 3B2 C15 CERSMT_0805 3B2 C16 CERSMT_0805 3C2 C17 CERSMT_0805 4C4 C18 CERSMT_0805 3C3 C19 CERSMT_0805 3C2 C20 TASMT_6032 6B4 C21 CERSMT_0805 4C1 C22 CERSMT_0805 3C7 C23 CERSMT_0805 3B4 C24 TASMT_6032 3B4 C25 CERSMT_0805 3A4 C26 TASMT_6032 3A4 C27 TASMT_6032 6B3 C28 TASMT_6032 6B3 C29 CERSMT_0805 6B3 C30 CERSMT_0805 6C7 C31 CERSMT_0805 6B6 C32 CERSMT_0805 6B7 C33 CERSMT_0805 3A2 C34 TASMT_7343 3A2 C35 CERSMT_0805 6B3 C36 TASMT_6032 6B3 C37 TASMT_7343H 1C2 C38 TASMT_7343 3C8 C39 CERSMT_0805 3B3 C40 TASMT_7343 3B3 C41 TASMT_7343 3A3 C42 CERSMT_0805 3A3 C43 CERSMT_0805 3C8 C44 TASMT_7343 3C8 C45 CERSMT_0805 3C8 C46 TASMT_7343 7B1 C47 CERSMT_0805 4A3 C100 CERSMT_0805 3C1 C101 CERSMT_0805 3C1 C102 CERSMT_0805 6A7 C103 CERSMT_0805 3B2 C104 CERSMT_0805 3B2 C105 CERSMT_0805 3C2 C106 CERSMT_0805 3B2 C107 CERSMT_0805 3B2 C108 CERSMT_0805 3B2 C109 CERSMT_0805 5D2 C110 CERSMT_0805 3C1 C111 CERSMT_0805 5D2 C112 CERSMT_0805 3C1 C113 CERSMT_0805 3B2 C114 CERSMT_0805 3B2 C115 CERSMT_0805 3B3 C116 CERSMT_0805 6B7 C117 CERSMT_0805 6A7 C118 CERSMT_0805 6C7 C119 CERSMT_0805 6B4 C120 CERSMT_0805 3B2 C121 CERSMT_0805 3C2</div><div><div>C122 CERSMT_0805 3C1 C123 CERSMT_0805 4D7 C124 CERSMT_0805 3C2 C125 CERSMT_0805 6C7 C126 CERSMT_0805 6B6 C127 CERSMT_0805 6C7 C128 CERSMT_0805 6D2 C129 CERSMT_0805 2A6 C130 CERSMT_0805 3C2 C131 CERSMT_0805 3B2 C132 CERSMT_0805 3B2 C133 CERSMT_0805 3C1 C134 CERSMT_0805 4C7 C135 CERSMT_0805 4D7 C136 CERSMT_0805 4D5 C137 CERSMT_0805 3B2 C138 CERSMT_0805 3C2 C139 CERSMT_0805 3A1 C140 CERSMT_0805 3B2 C141 CERSMT_0805 3B1 C142 CERSMT_0805 3A1 C143 CERSMT_0805 3B1 C144 CERSMT_0805 3A2 C145 CERSMT_0805 3B1 C146 CERSMT_0805 2D5 C147 CERSMT_0805 3C2 C148 CERSMT_0805 3B3 C149 CERSMT_0805 3B1 C150 CERSMT_0805 3B2 C151 CERSMT_0805 3C2 C152 CERSMT_0805 3C2 C153 CERSMT_0805 3B2 C154 CERSMT_0805 3B1 C155 CERSMT_0805 3A1 C156 CERSMT_0805 3A2 C157 CERSMT_0805 3B2 C158 CERSMT_0805 3A2 C159 CERSMT_0805 3B2 C160 CERSMT_0805 3A1 C161 CERSMT_0805 3B1 C162 CERSMT_0805 3B1 C163 CERSMT_0805 3C6 C164 CERSMT_0805 3A1 C165 CERSMT_0805 3A1 C166 CERSMT_0805 3B2 C167 CERSMT_0805 3B2 C168 CERSMT_0805 3B2 C169 CERSMT_0805 3B2 C170 CERSMT_0805 3B2 C171 CERSMT_0805 3B2 C172 CERSMT_0805 3C2 C173 CERSMT_0805 3C1 C174 CERSMT_0805 3B1 C175 CERSMT_0805 3C1 C176 CERSMT_0805 3B1 C177 CERSMT_0805 3C1 C178 CERSMT_0805 3B1 C179 CERSMT_0805 3B2 C180 CERSMT_0805 3B2 C181 CERSMT_0805 3C2 C182 CERSMT_0805 3C2 C183 CERSMT_0805 3B2 C184 CERSMT_0805 3B1 C185 CERSMT_0805 3B1 C186 CERSMT_0805 3B1 C187 CERSMT_0805 3B1 C188 CERSMT_0805 3B1 C189 CERSMT_0805 3C1 C190 CERSMT_0805 3B2 C191 CERSMT_0805 3B2 C192 CERSMT_0805 3C2 C193 CERSMT_0805 3C2 C194 CERSMT_0805 3C1</div><div><div>C195 CERSMT_0805 3B2 C196 CERSMT_0805 3B2 C197 CERSMT_0805 2A3 C198 CERSMT_0805 2A2 C199 CERSMT_0805 7B2 CB1 POLYSWITCH_3B12 7A4 CB2 POLYSWITCH 4B8 CB3 POLYSWITCH_3B12 7B2 CB4 POLYSWITCH_3B12 7C2 CB5 POLYSWITCH_3B12 7B2 CR1 DIO_SMT_BAV99 2B7 CR2 DIO_SMT_BAV70 2B7 CR3 DIO_SMT_BAV70 2B7 CR4 DIO_SMT_BAV99 5D2 CR5 DIO_SMT_BAV99 5D2 CR6 DIO_SMT_BAV99 5C2 CR7 DIO_SMT_BAV99 5D2 CR8 DIO_SMT_BAV99 5C2 CR9 SRGAR_24V_55400216 5C2 CR10 DIO_SMT_BAV70 4D7 CR11 DIO_SMT_BAV70 4C7 CR12 DIO_SMT_BAV70 4D7 CR13 DIO_SMT_BAV99 3A4 CR14 DIO_SMT_BAV99 3A4 CR15 DIO_SMT_BAV99 3B4 CR16 DIO_SMT_BAV99 3B4 CR17 DIO_SMT_BAV99 6C8 CR18 SCHOTTKY_SMT_BATS4S 6B5 CR19 SRGAR_5V_55400215 5A3 CR20 SRGAR_5V_55400215 5A4 DS1 LED4_67480200 2A8 DS2 LED4_GRN_67480211 4C6 E1 JMPST_1X2_90012601 3D7 E2 JMPST_1X2_90012601 3D2 E3 JMPST_2X8_90012602 5B8 J1 DSUBRA_37_51970016 7C1 7C1 7C1 7C1 7C1 7D1 7D1 7D1 7D1 7D1 J4 DSUBRA_25_51970026 7A3 7A3 7A3 7B3 7B3 J5 HFB2522 4B2 K1 RLYDPDT_12DC_72919716 5C1 K2 RLYDPDT_12DC_72919716 5D1 K3 RLYDPDT_12DC_72919716 2B6 L1 FR_BD_SMT_43200000 4C4 L2 FR_BD_SMT_43200000 3C7 L3 FR_BD_SMT_43200000 2D5 L4 INDSMTMLD_1210 7C1 MISC1 ADDONS 7A8 MISC2 ADDONS 7A8 MISC3 ADDONS 7A8 MISC4 ADDONS 7A8 P1 CONN_EDGE_ISA16BIT 7B3 7B3 7B3 7B3 7B3 7C3 7C3 7C3 7C4 7C4 7D3 7D3 7D3 7D4 7D4 7D4 P2 DSUBRA_37_51970025 7A1 7A1 7A1 7B1 7B1 7B1 P3 DSUBRA_9_51109746 3C8 3D8 P4 HD5HRST_2X5_51408753 2A1 P5 HDBKST_2X5_90012602 2B1 P6 HDBKST_2X10_90012602 7A7 7B7 7B7 P7 HD5HRST_2X5_51408753 3C2 P8 HDBKST_2X10_90012602 7A5 7B5 7B5 Q1 IRLD014 5C2 Q2 MMBT2222 2A2 R1 RESSMT_1206 4A3 R2 RESSMT_0805 4A4 R3 RESSMT_0805 4A2 R4 RESSMT_0805 5D6 R5 RESSMT_0805 4A2 R6 RESSMT_0805 5C7 R7 RESSMT8DIP4X 4D4 R8 RESSMT_1206 4C2 R9 RESSMT_1206 4C2 R10 RESSMT_0805 2A7 R11 RESSMT_0805 2A7</div><div><div>R12 RESSMT_0805 2A7 R13 RESSMT_0805 2A7 R14 RESMF1_4W 4C2 R15 RESSMT_0805 2A7 R16 RESSMT_0805 5B2 R17 RESSMT_0805 5B2 R18 RESSMT_0805 5D2 R19 RESSMT_0805 5A3 R20 RESSMT_0805 5B2 R21 RESSMT_1206 7A1 R22 RESSMT_1206 7A1 R23 RESSMT_1206 4C8 R24 RESSMT_1206 4C8 R25 RESSMT_0805 5C2 R26 RESSMT_0805 3D6 R27 RESMF1_4W 3D6 R28 RESSMT_1206 3D7 R29 RESMF1_4W 3D7 R30 RESSMT_0805 3D6 R31 RESSMT_1206 3D7 R32 RESSMT8DIP4X 2D7 R33 RESMF1_4W 2D8 R34 RESSMT_0805 2C7 R35 RESSMT_0805 6C8 R36 RESSMT_0805 6B7 R37 RESSMT_0805 6B7 R38 RESSMT_0805 6B4 R39 RESSMT_0805 6B7 R40 RESSMT_0805 4D6 R41 RESSMT_0805 4D6 R42 RESSMT_0805 4D7 R43 RESSMT_0805 4D7 R44 RESSMT_0805 4C7 R45 RESSMT_0805 4D7 R46 RESSMT_0805 5D5 R47 RESSMT_0805 4C7 R48 RESSMT_0805 4D8 R49 RESSMT_0805 4D7 R50 RESSMT_1206 4C2 R51 RESSMT_1206 4C2 R52 RESSMT_0805 3C2 R53 RESSMT_0805 5A2 R54 RESSMT_0805 3C2 R55 RESSMT_0805 5A2 R56 RESSMT_1210 5A2 R57 RESSMT_0805 3D2 R58 RESSMT_0805 5A2 R59 RESSMT_0805 2D5 R60 RESSMT_0805 3C3 R61 RESSMT_1210 3D2 R62 RESSMT_0805 3D3 R63 RESSMT_0805 2D4 R64 RESSMT_0805 4D6 R65 RESSMT_0805 1B2 R66 RESMF1_4W 4C2 R67 RESSMT_0805 3C7 R68 RESSMT_0805 3C6 R69 RESCC1_2W 3A4 R70 RESCC1_2W 3B4 R71 RESSMT8DIP4X 3A5 R72 RESSMT_0805 6D2 R73 RESSMT_0805 6B2 R74 RESSMT_0805 6B2 R75 RESSMT_0805 6C2 R76 RESSMT_0805 6B2 R77 RESSMT_0805 6C7 R78 RESSMT_0805 6C7 R79 RESSMT_0805 6A7 R80 RESSMT_0805 6B7 R81 RESSMT_0805 6C6 R82 RESSMT_0805 6B6 R83 RESSMT_0805 6B7 R84 RESSMT_0805 2A2</div></div></div></div></div></div></div>															
<div><div>OEC MEDICAL SYSTEMS, INC.</div><div><div>SIZE D</div><div>DWG NO. 00-881567</div><div>REV B</div></div><div><div>SCALE:</div><div>SHEET 10 OF 11</div></div></div>															

8		7		6		5		4		3		2		1		
												DWG NO. 00-881567		SHT 11	REV B	
D	R85 RESSMT_0805 1B4		R158 RESSMT_0805 2B2		TP37 TEST_POINT_COLOR 2B7		U26 MIC4427 3A4								D	
	R86 RESSMT8DIP4X 1B5		R159 RESSMT_0805 2B1		TP38 TEST_POINT_COLOR 2B8		U27 MIC4427 3B4									
	R87 RESSMT8DIP4X 3B6		R160 RESSMT8DIP4X 1C8		TP39 TEST_POINT_COLOR 2A2		U28 LM324 6B2 6C2 6D2									
	R88 RESSMT_0805 5B7		R161 RESSMT_0805 1D8		TP40 TEST_POINT_COLOR 5C2		U29 LMV822 6B6									
	R89 RESSMT_0805 5C7		R162 RESSMT_0805 1C8		TP41 TEST_POINT_COLOR 3B1		U30 LMV822 6C7									
	R90 RESSMT8DIP4X 5C7		R163 RESSMT_0805 2A3		TP42 TEST_POINT_COLOR 3D6		U31 78L05 6C4									
	R91 RESSMT_0805 5C7		R164 RESSMT_0805 2A3		TP43 TEST_POINT_COLOR 3C6		U32 LMV822 6B7									
	R92 RESSMT_0805 5C8		R165 RESMF1_4W 4A8		TP44 TEST_POINT_COLOR 3D6		U33 27C512_200 1B1									
	R93 RESSMT8DIP4X 5C8		R166 RESSMT_0805 2A5		TP45 TEST_POINT_COLOR 2D6		U34 74ABT245 1B4									
	R94 RESSMT_0805 5C8		R167 RESSMT_0805 2A2		TP46 TEST_POINT_COLOR 3A4		U35 74ABT541 5C7									
C	R95 RESSMT_0805 5C8		R168 RESSMT_0805 2A5		TP47 TEST_POINT_COLOR 6C5		U37 LT1117 3B2								C	
	R96 RESSMT_0805 5C8		R169 RESSMT_0805 4A3		TP48 TEST_POINT_COLOR 6B3		U38 AM29F032 1D4									
	R97 RESSMT_0805 2D5		R170 RESSMT_0805 5D7		TP49 TEST_POINT_COLOR 6B6		U39 AM29F032 1D3									
	R98 RESSMT_0805 2B1		R200 RESSMT_0805 7A4		TP50 TEST_POINT_COLOR 6B6		U40 OPT0_I_0661 4B7									
	R99 RESSMT_0805 2B2		R201 RESSMT_0805 7A4		TP51 TEST_POINT_COLOR 3B3		U41 ADC10158 6B4									
	R100 RESSMT_0805 2B2		R202 RESSMT_0805 7A4		TP52 TEST_POINT_COLOR 2D5		U42 74ABT541 5B7									
	R101 RESSMT_0805 2B2		R203 RESSMT_0805 6C2		TP53 TEST_POINT_COLOR 2C3		U43 74ABT16374 5B5									
	R102 RESSMT_0805 1B8		R204 RESSMT_0805 6A7		TP54 TEST_POINT_COLOR 2D3		U44 74ABT16244 5C5									
	R103 RESSMT_0805 1B8		R205 RESSMT_0805 2A7		TP55 TEST_POINT_COLOR 2C8		U45 82C54 3B7									
	R104 RESSMT8DIP4X 2C8		R206 RESSMT_0805 6B7		TP56 TEST_POINT_COLOR 2D3		U46 74ABT541 4B5									
	R105 RESSMT_0805 1D4		R207 RESSMT_0805 6B7		TP57 TEST_POINT_COLOR 1D4		U47 74ACT14 2D5 4A6 4A7 5C3									
B	R106 RESSMT8DIP4X 4C6		R208 RESSMT_0805 3D5		TP58 TEST_POINT_COLOR 3B1		U48 EPC1 2B2								B	
	R107 RESSMT_1206 4B8		R209 RESSMT_0805 5C2		TP59 TEST_POINT_COLOR 1D2		U49 HCPL0501 2A5									
	R108 RESSMT_0805 4B7		R210 RESSMT_0805 6B7		TP60 TEST_POINT_COLOR 3B1		U50 HCPL0501 2A5									
	R109 RESSMT_1206 4B8		R211 RESSMT_0805 4D3		TP61 TEST_POINT_COLOR 6B4		U51 HCPL0201 2A3									
	R110 RESSMT8DIP4X 4C6		R212 RESSMT_0805 6B5		TP62 TEST_POINT_COLOR 5C7		U52 74ABT16373 1D7									
	R111 RESSMT_0805 1D2		R213 RESSMT_0805 6B2		TP63 TEST_POINT_COLOR 5B5		U53 74ABT16373 1C7									
	R112 RESSMT_0805 6B5		R214 RESSMT_1206 6B2		TP64 TEST_POINT_COLOR 3B6		U54 STK12C68 1D1									
	R113 RESSMT_0805 6B5		R215 RESSMT_0805 4D6		TP65 TEST_POINT_COLOR 3B7		U55 74ABT16245 1B7									
	R114 RESSMT8DIP4X 1A7		R216 RESSMT_0805 4D8		TP66 TEST_POINT_COLOR 1B3		U56 82527 3D4									
	R115 RESSMT8DIP4X 1A6		R217 RESSMT_0805 6B5		TP67 TEST_POINT_COLOR 1B3		U57 74ACT32 4A5 5D7									
	R116 RESSMT_0805 6B4		R218 RESSMT_0805 6B5		TP68 TEST_POINT_COLOR 2C2		U58 74ACT14 4A7 4B7 4B7									
A	R117 RESSMT8DIP4X 5B7		R219 RESSMT_0805 5C7		TP69 TEST_POINT_COLOR 2D4		U59 OPT0_I_0661 4B7								A	
	R118 RESSMT8DIP4X 5B8		R220 RESSMT_0805 5C7		TP70 TEST_POINT_COLOR 2D3		U60 OPT0_I_0661 4B7									
	R119 RESSMT8DIP4X 5C5		R221 RESSMT_0805 3C6		TP71 TEST_POINT_COLOR 2D2		U61 OPT0_I_0661 4A7									
	R120 RESSMT8DIP4X 5C4		R222 RESSMT_1206 4A8		TP72 TEST_POINT_COLOR 2D3		VR1 LM4040_4X1V 6B2									
	R121 RESSMT_0805 5B6		R223 RESSMT_1206 4B8		TP73 TEST_POINT_COLOR 2D2		XE1 SHORT_PC_X225_X09 6B3									
	R122 RESSMT8DIP4X 5C4		TP1 TEST_POINT_COLOR 4A2		TP74 TEST_POINT_COLOR 2A6		XE2 SHORT_PC_X225_X09 6B3									
	R123 RESSMT8DIP4X 5B3		TP2 TEST_POINT_COLOR 5D5		TP75 TEST_POINT_COLOR 2A6		Y1 OSC_SMT_EN_VCC 4C3									
	R124 RESSMT_0805 3B7		TP3 TEST_POINT_COLOR 4B3		TP76 TEST_POINT_COLOR 2D3		Y2 OSC_SMT_EN_VCC 3C7									
	R125 RESSMT_0805 4B5		TP4 TEST_POINT_COLOR 4C4		TP77 TEST_POINT_COLOR 5C5		Y3 OSC_SMT_EN_VCC 2D5									
	R126 RESSMT_0805 4B7		TP5 TEST_POINT_COLOR 4C3		TP78 TEST_POINT_COLOR 3C8											
R127 RESSMT_0805 4B7		TP6 TEST_POINT_COLOR 4B3		TP79 TEST_POINT_COLOR 3C8												
R128 RESSMT_0805 2A2		TP7 TEST_POINT_COLOR 4D3		TP80 TEST_POINT_COLOR 2A4												
R129 RESSMT_0805 4A7		TP8 TEST_POINT_COLOR 5B3		TP81 TEST_POINT_COLOR 2A4												
R130 RESSMT_0805 2D4		TP9 TEST_POINT_COLOR 5B3		TP82 TEST_POINT_COLOR 2A4												
R131 RESSMT_0805 2D5		TP10 TEST_POINT_COLOR 5C2		TP83 TEST_POINT_COLOR 2D3												
R132 RESSMT_1206 2A5		TP11 TEST_POINT_COLOR 3D6		TP84 TEST_POINT_COLOR 2A3												
R133 RESSMT_0805 2A4		TP12 TEST_POINT_COLOR 5D2		U1 74ACT02 4A3 4A4 5D7												
R134 RESSMT_1206 2A5		TP13 TEST_POINT_COLOR 3D5		U2 TIL311 5D4												
R135 RESSMT_0805 2A4		TP14 TEST_POINT_COLOR 3D5		U3 TIL311 5D4												
R136 RESSMT_0805 2A3		TP15 TEST_POINT_COLOR 2D6		U4 ADM485 4A2												
R137 RESSMT_0805 1D8		TP16 TEST_POINT_COLOR 3D7		U5 LM555 4A3												
R138 RESSMT_0805 4A7		TP17 TEST_POINT_COLOR 3D7		U6 74ABT574 5D5												
R139 RESSMT_0805 1C8		TP18 TEST_POINT_COLOR 3D6		U7 SC28C94 4C4												
R140 RESSMT8DIP4X 1A6		TP19 TEST_POINT_COLOR 2D4		U8 MAX233A 4D2												
R141 RESSMT8DIP4X 3D4		TP20 TEST_POINT_COLOR 2D7		U9 MAX490 4C2												
R142 RESSMT8DIP4X 1A6		TP21 TEST_POINT_COLOR 5D1		U10 ADM485 5B2												
R143 RESSMT_0805 3D4		TP22 TEST_POINT_COLOR 3B4		U11 MIC4427 5D2												
R144 RESSMT_0805 3D3		TP23 TEST_POINT_COLOR 3A4		U12 ADM485 5B2												
R145 RESSMT_0805 5B6		TP24 TEST_POINT_COLOR 6A6		U13 MIC4427 5C2												
R146 RESSMT_0805 5C6		TP25 TEST_POINT_COLOR 3B4		U14 COM20020 3D6												
R147 RESSMT8DIP4X 5D8		TP26 TEST_POINT_COLOR 6B6		U15 ADM485 3D5												
R148 RESSMT_0805 4B7		TP27 TEST_POINT_COLOR 6D1		U16 ADM485 3D6												
R149 RESSMT_0805 4B7		TP28 TEST_POINT_COLOR 2D3		U17 HD6409 2D7												
R150 RESSMT_0805 4B7		TP29 TEST_POINT_COLOR 1B3		U18 ADM485 2D7												
R151 RESSMT_1206 4B8		TP30 TEST_POINT_COLOR 1B3		U19 ADM485 2C6												
R152 RESSMT_1206 4B8		TP31 TEST_POINT_COLOR 3B1		U20 LM324 4D6 4D7												
R153 RESSMT_1206 4A8		TP32 TEST_POINT_COLOR 2D6		U21 ADM485 5A2												
R154 RESSMT_1206 4A8		TP33 TEST_POINT_COLOR 2C2		U22 82C250 3D3												
R155 RESSMT_0805 2B2		TP34 TEST_POINT_COLOR 4D6		U23 MAX490 4C2												
R156 RESSMT_0805 2B1		TP35 TEST_POINT_COLOR 1B2		U24 HD6409 2C7												
R157 RESSMT_0805 2B1		TP36 TEST_POINT_COLOR 2C7		U25 74ABT541 4C5												



DWG NO.	00-881570	SHT	1	REV	A	1
REV	ENGIN. REV. 4	DESCRIPTION	DATE	APPROVED	EDR 01403	
A	RELEASE TO MANUFACTURING PER ECO DL43					

AC OUTPUT
TO PS1, XCC PS,
FLAT PANEL, AND
COLL PS

TO CAMERA

I. I. POWER
TO MOTRON
CPU PCB

E1 OUT => 0.90A
E1 IN => 1.10A

TO TABLE/GEN
BACKPLANE

TP11
12V_COOLER_PWR

TO CCD
CAM COOLER

-01 SHOWN

DRAWING

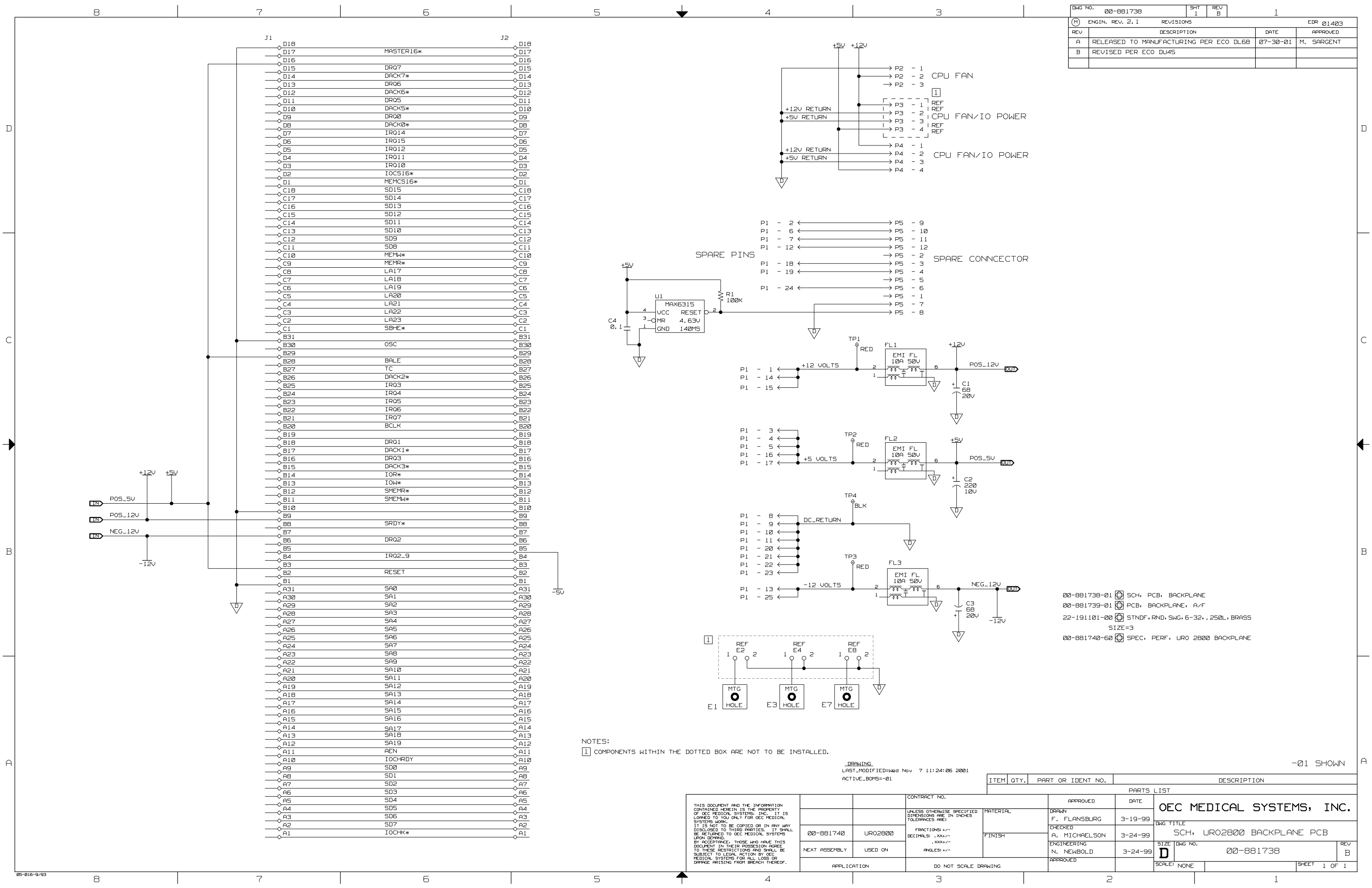
LAST_MODIFIED=Thu Jul 24 14:39:41 2001
ACTIVE_BOMS=01

ITEM	QTY.	PART OR IDENT NO.	DESCRIPTION
PARTS LIST			
OEC MEDICAL SYSTEMS, INC.			
DWG TITLE			
SCH, PCB, POWER DIST, URO2800			
SIZE DWG NO.			
D 00-881570			
SCALE: NONE			
SHEET 1 OF 1			

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00-881572		2800		FRACTIONS: +/-		DRAWN		8/3/99	
NEXT ASSEMBLY		USED ON		DECIMALS: .XXX/-		CHECKED		8/3/99	
APPLICATION		DO NOT SCALE DRAWING		ANGLES: +/-		ENGINEERING		8/3/99	
						JAMES ERICKSON			
						APPROVED			

HIGHEST	UNUSED
F18	
XF18	
LF1	
P11	
R14	
C7	
TP12	
E5	
Q1	
DS3	
CR1	

NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTOR VALUES IN OHMS, 1/4W
2. ALL CAPACITOR VALUES IN MICROFARADS



DWG NO.	00-881738	SHT	1	REV	B	1
REV	ENGIN. REV. 2.1	DESCRIPTION	DATE	APPROVED	EDR 01403	
A	RELEASED TO MANUFACTURING PER ECO DL68	07-30-01	M. SARGENT			
B	REVISED PER ECO DU45					

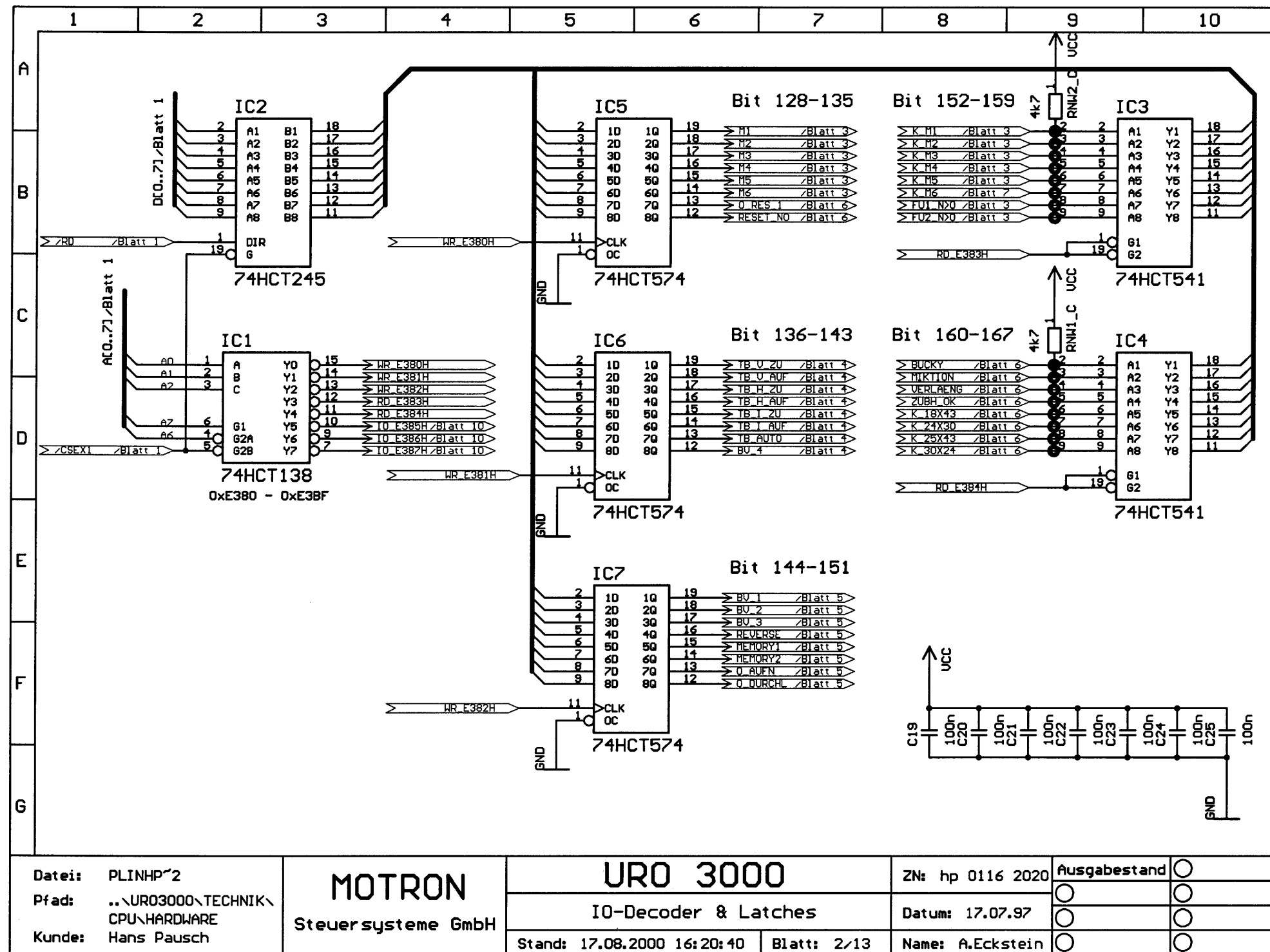
00-881738-01 SCH, PCB, BACKPLANE
00-881739-01 PCB, BACKPLANE, A/F
22-191101-00 STNDF, RND, SWG, 6-32, .250L, BRASS
SIZE=3
00-881740-60 SPEC, PERF, URO 2800 BACKPLANE

NOTES:
1 COMPONENTS WITHIN THE DOTTED BOX ARE NOT TO BE INSTALLED.

DRAWING
LAST_MODIFIED=Wed Nov 7 11:24:05 2001
ACTIVE_BOMS=01

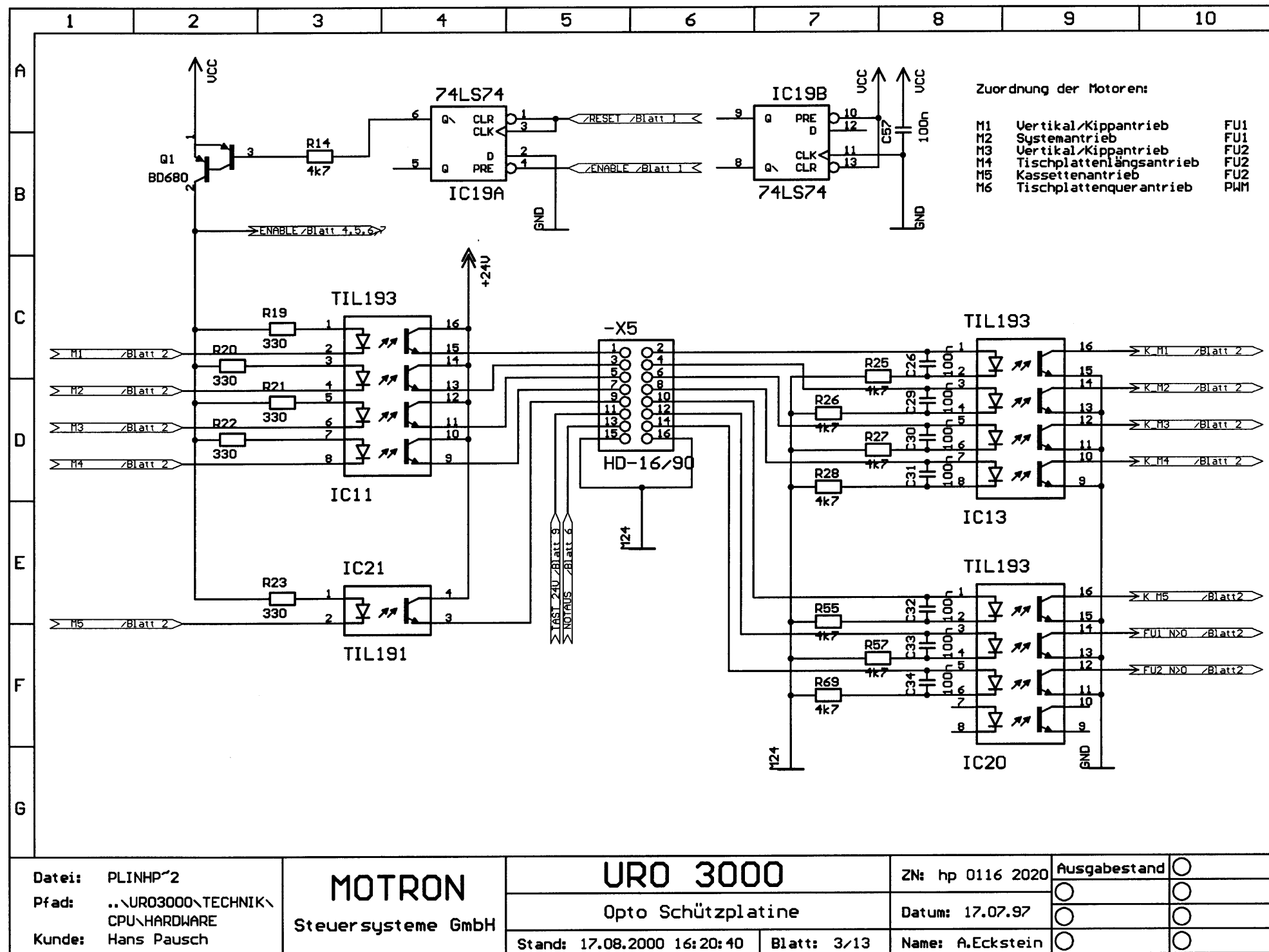
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			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	MATERIAL	DRAWN F. FLANSBURG	3-19-99	DWG TITLE		
	00-881740	URO2800	FRACTIONS: +/-		CHECKED A. MICHAELSON	3-24-99	SCH, URO2800 BACKPLANE PCB		
			DECIMALS: .XXX +/-	FINISH			SIZE DWG NO.		REV B
			ANGLES: +/-		ENGINEERING N. NEWBOLD	3-24-99	D 00-881738		
	NEXT ASSEMBLY	USED ON			APPROVED		SCALE: NONE		SHEET 1 OF 1

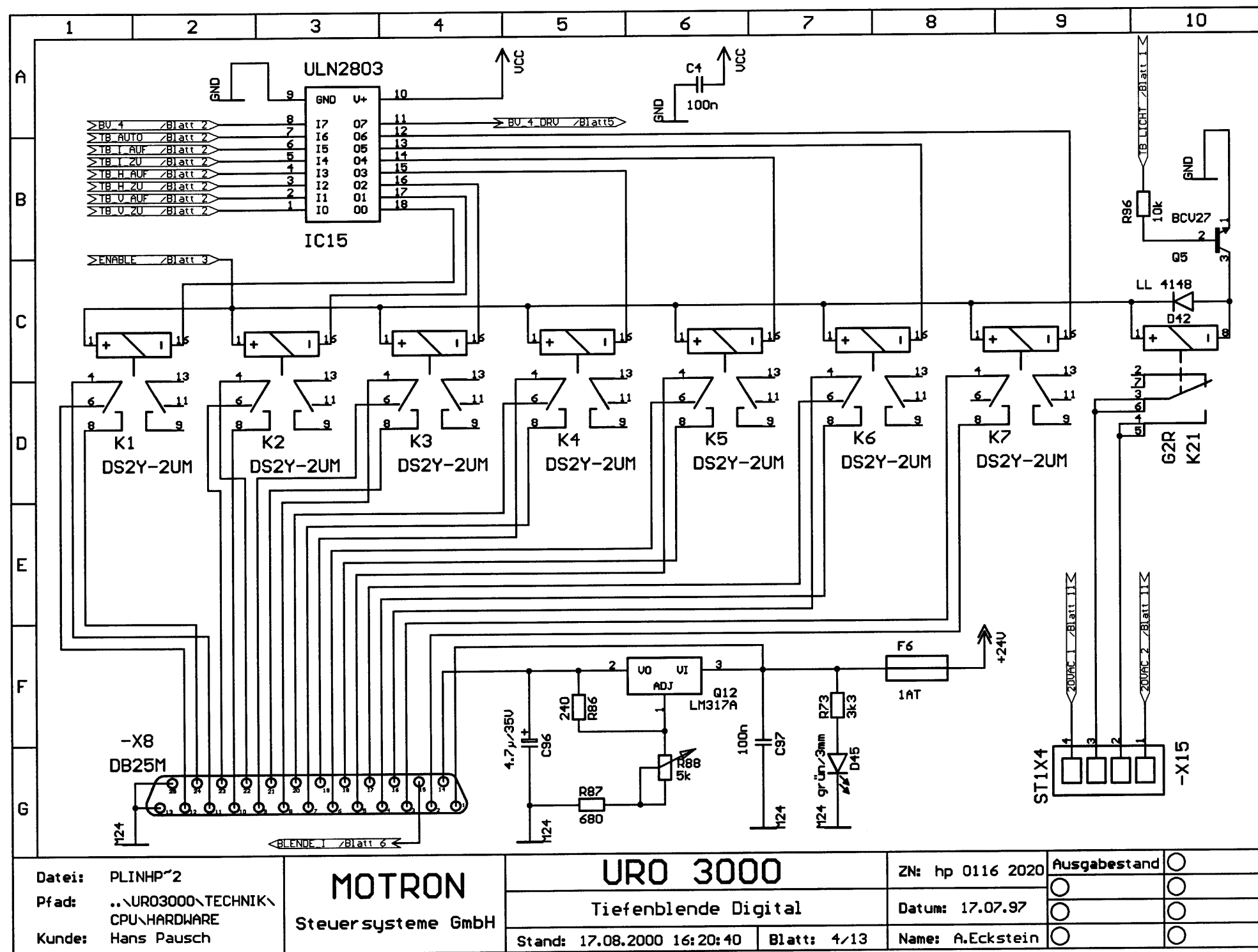


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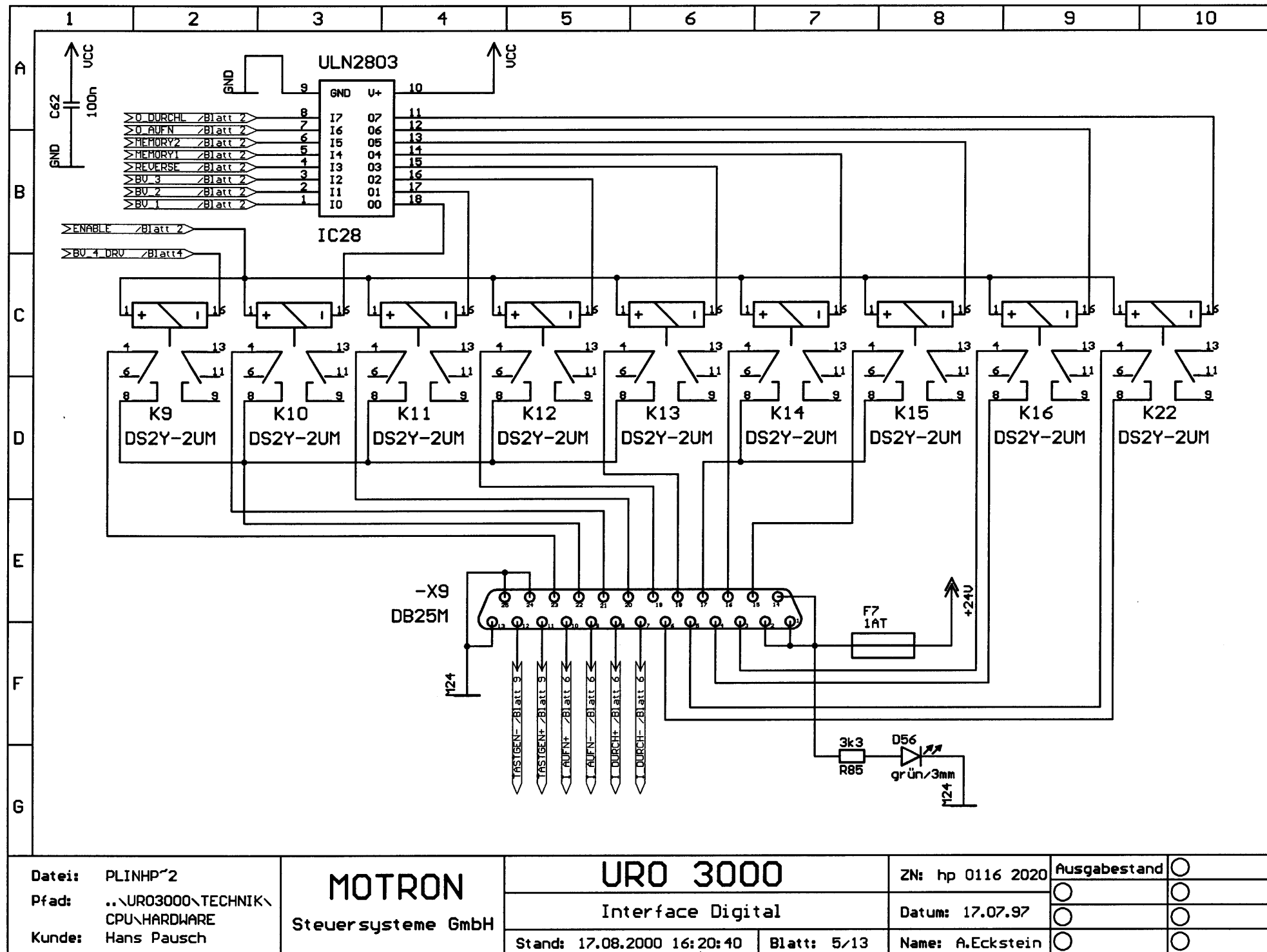
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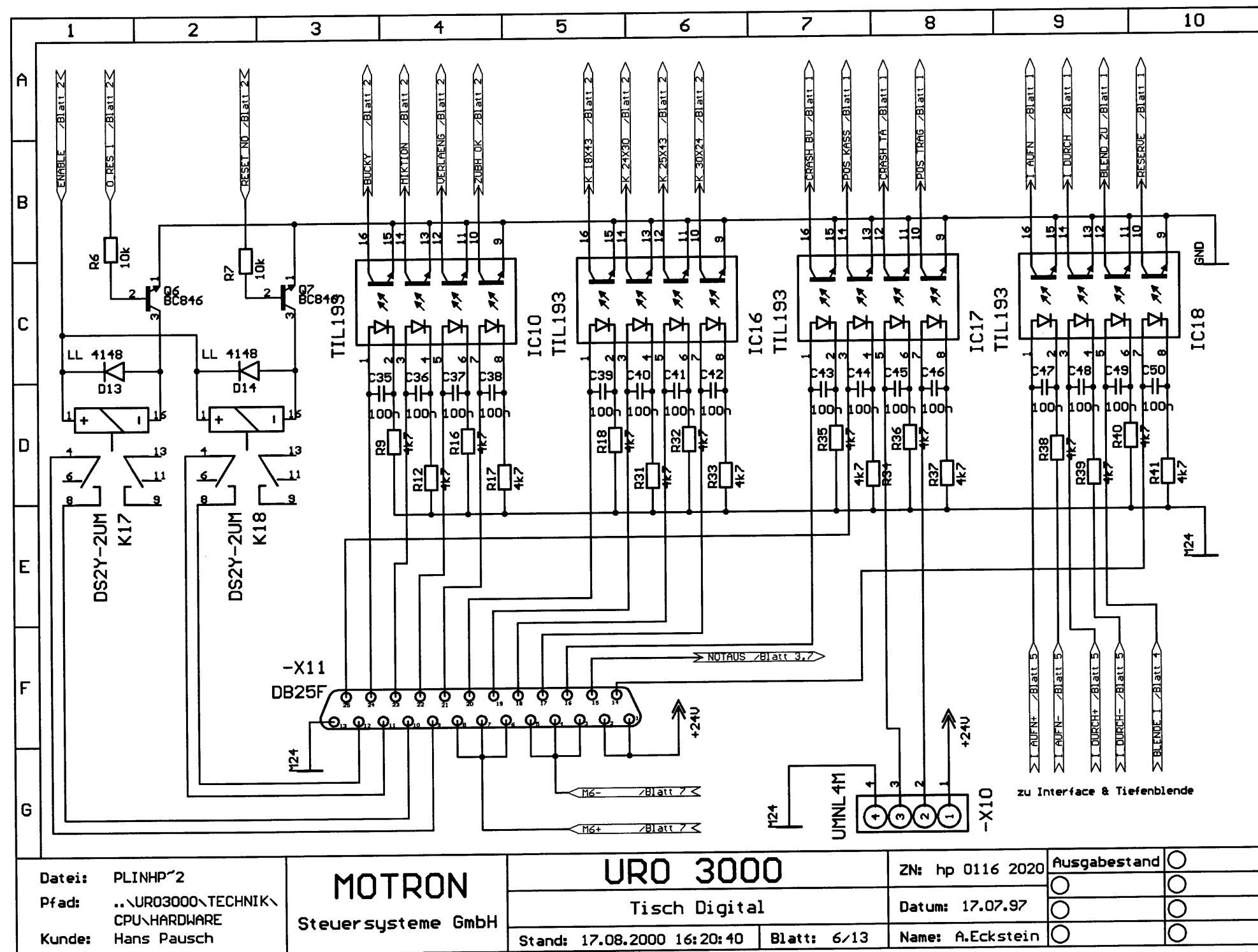
00-884216-01 A



00-884216-01 A



00-884216-01 A



Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Tisch Digital

Stand: 17.08.2000 16:20:40

Blatt: 6/13

ZN: hp 0116 2020

Datum: 17.07.97

Name: A.Eckstein

Ausgabestand

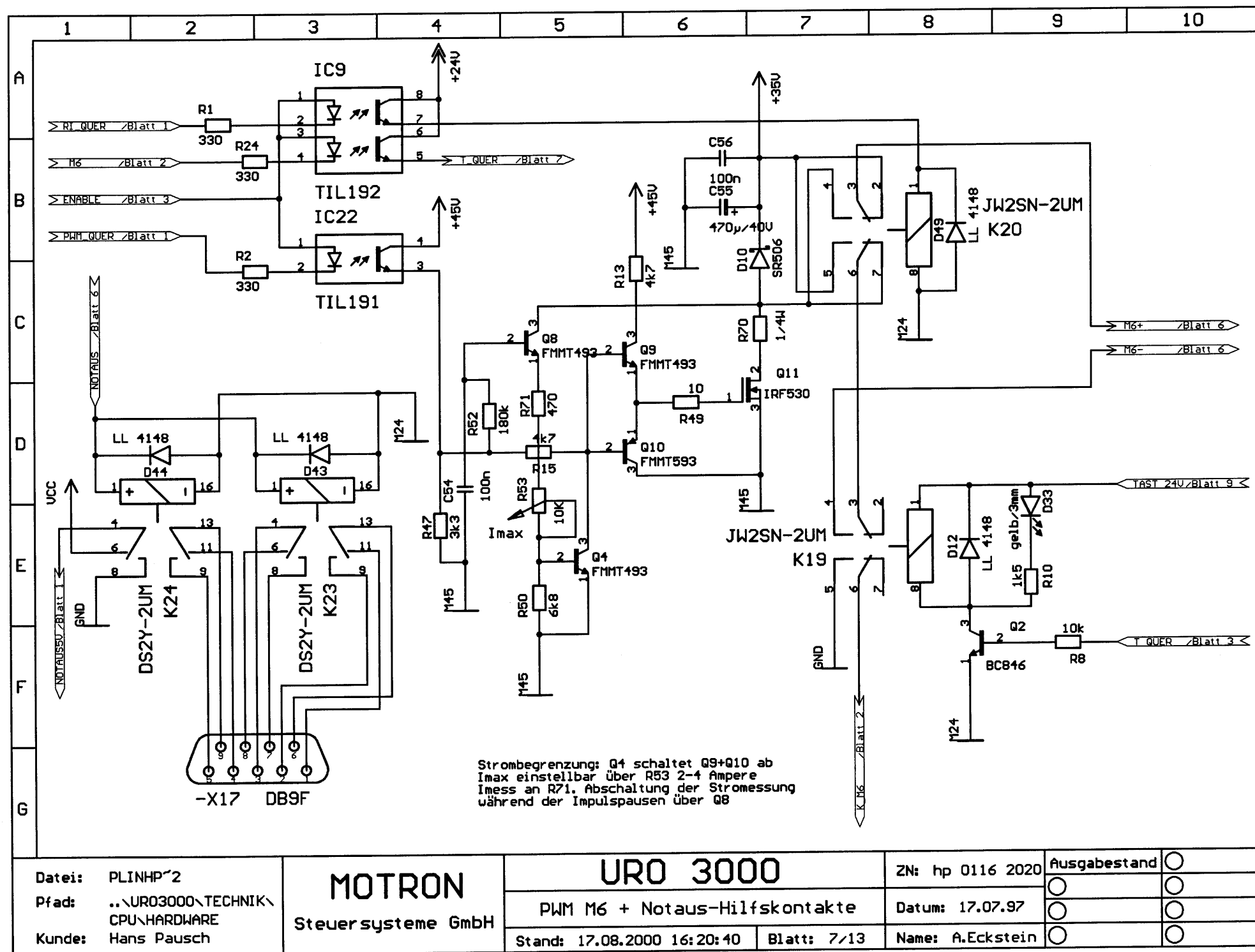
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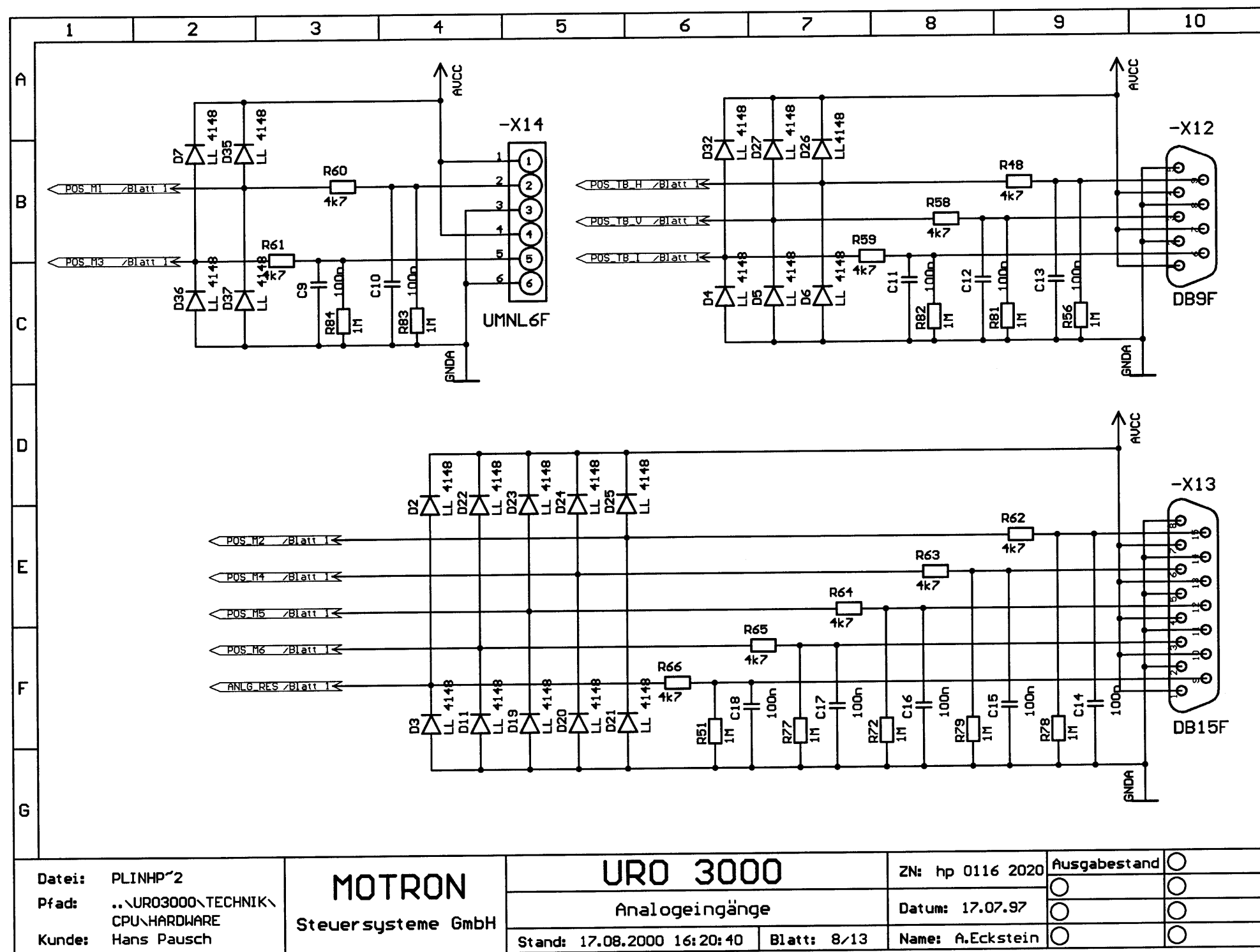
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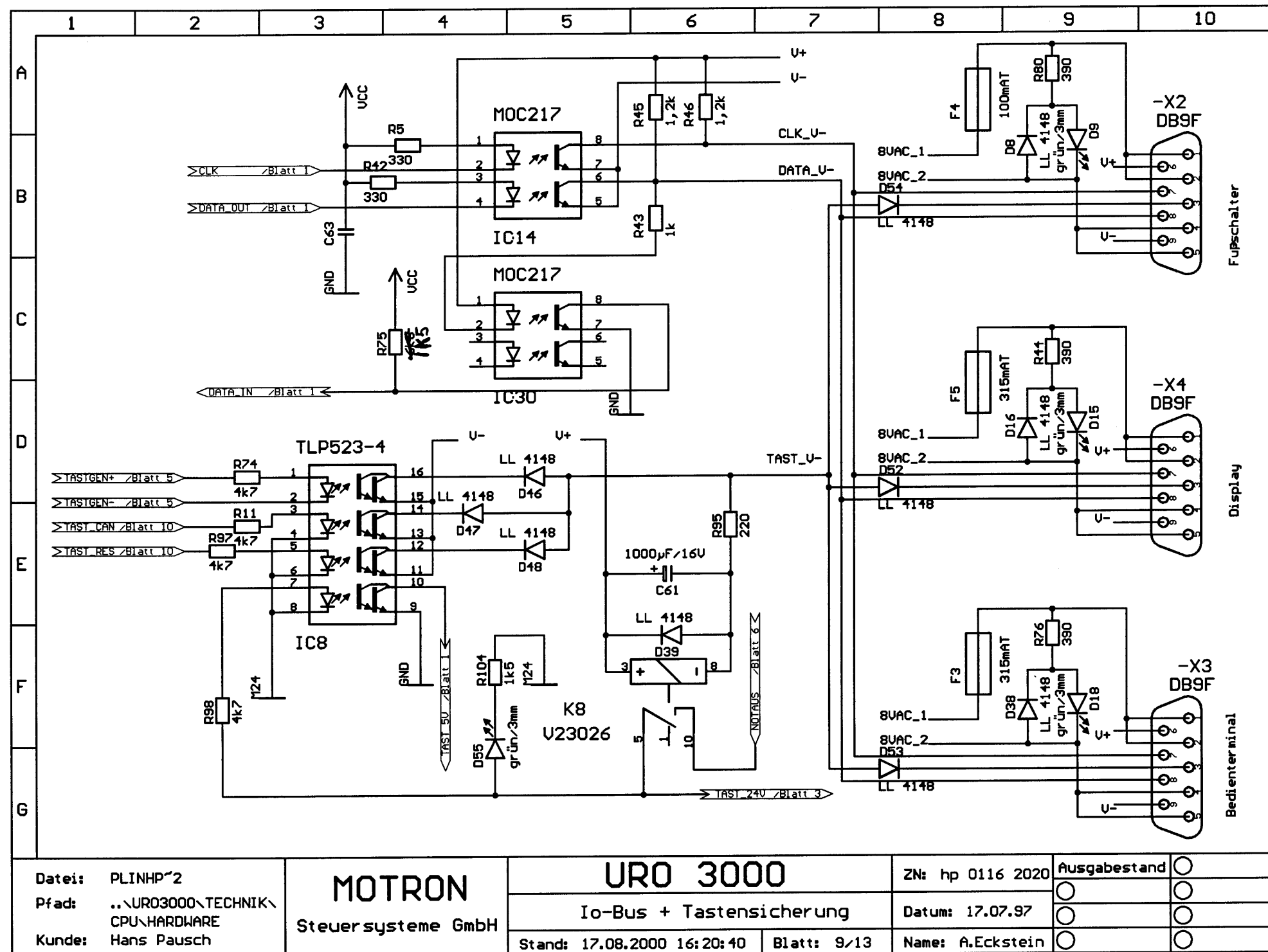


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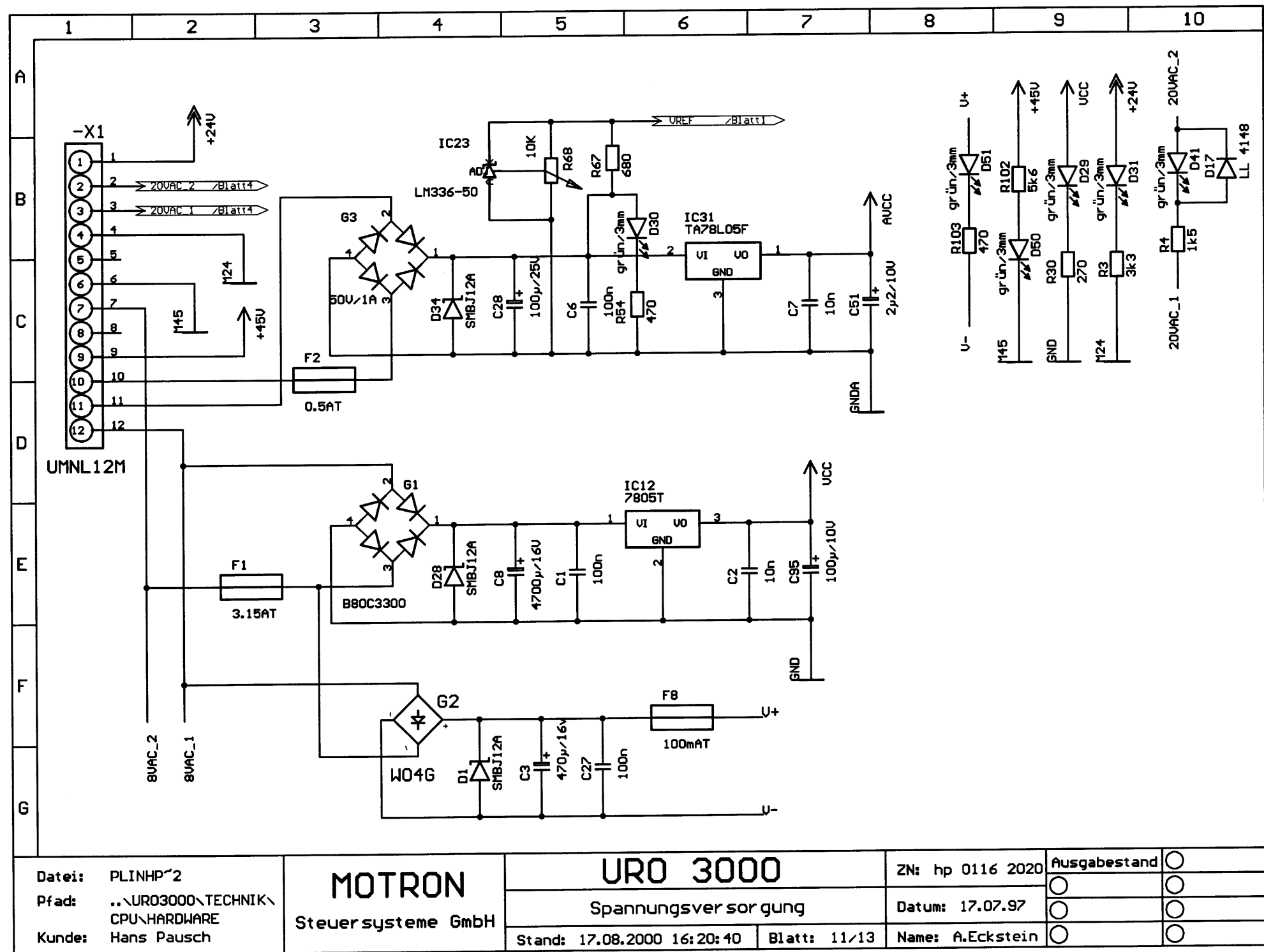
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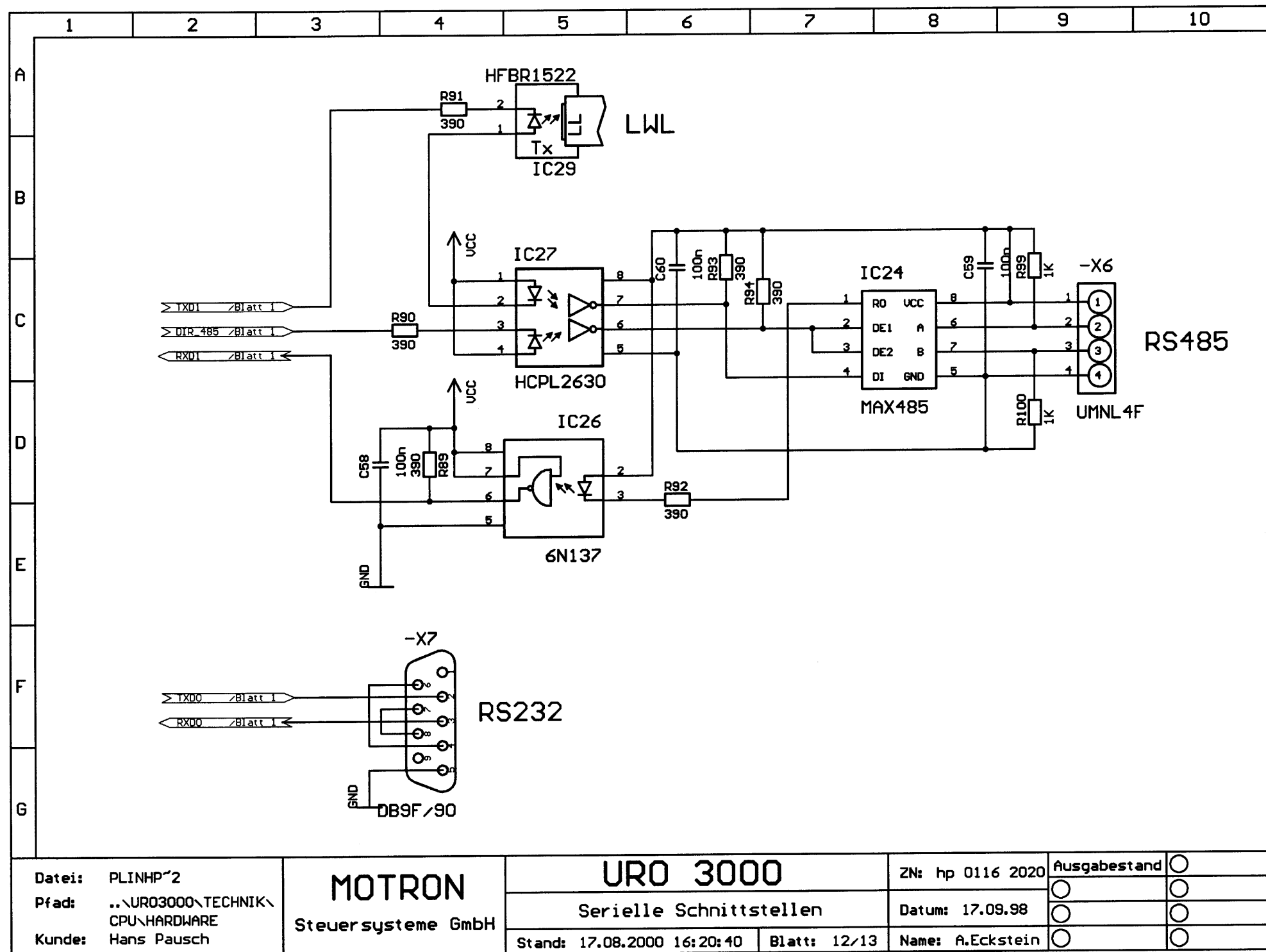
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00-884216-01 A



00-884216-01 A



00-884216-01 A

	1	2	3	4	5	6	7	8	9	10	
A	1. Notauskreis Masse -> +24V (10.5.98 AE)										
B	2. Kassettenantrieb M5 nur im Notauskreis nicht wie M1-M4 im Tastensicherungskreis. Änderung an der Steckerbelegung -X5 Pin 13. Früher Tastsich jetzt Notaus für M5. (14.7.99 AE)										
C	3. Strombegrenzung PWM-Endstufe überarbeitet. Neu: Shuntwiderstand, FET Umax 50V->100V -> neues Layout CPU38.BRD (13.8.99 AE)										
D	4. Layoutfehler (Leiterbahnkreuzung mit PWM Widerstand) -> neues Layout: CPU39.BRD. PWM-Shunt 1 Ohm -> 0.68 Ohm (9.9.99 AE)										
E	5. PWM-Transistoren Q4,8,9,10, D10 getauscht Umax >50V (17.12.99 AE) <div style="margin-left: 100px;"> Q4,8,9 BC 817-25 -> FMMT493 Q10 BC 807-25 -> FMMT593 D10 SB120 -> SR506 (5A/60V) </div>										
F	6. 24V zusätzlich abgesichert. Einstellbare Spannung 8-24V für Tiefenblendenmotoren -> neues Layout: CPU40.BRD. R75 -> 6k8 R102 -> 5k6 R73, R85, R3 -> 3k3 R54 -> 470 -X6 -X10 entgegen Bestückungsdruck einlöten -X3 9polige Sub-D Buchse Layoutfehler: Q12/Pin 2 zum Poti aufkratzen -> Q12/Pin 1 umlöten (22.05.00 AE)										
G	7. IC8 TIL 193 -> TLP 523-4 CTR=500%										
Layout-Datei: hp 0116 2020.006.BRD											
Datei: PLINHP~2			MOTRON		URO 3000			ZN: hp 0116 2020		Ausgabestand	<input type="radio"/>
Pfad: ..\URO3000\TECHNIK\CPU\HARDWARE					Änderungen			Datum: 17.09.98		<input type="radio"/>	<input type="radio"/>
Kunde: Hans Pausch			Steuersysteme GmbH		Stand: 17.08.2000 16:20:40		Blatt: 13/13		Name: A.Eckstein		<input type="radio"/>

00-884216-01 A

<p>Projekt: Y-Verteiler MoBu-Bus File: Kunde: Pausch Revision: 00.03 Datum: 28.11.00</p>	<p>Inhaltsverzeichnis</p> <table border="1"><thead><tr><th>Seite</th><th>Bezeichnung</th></tr></thead><tbody><tr><td>2</td><td>Historie</td></tr></tbody></table>	Seite	Bezeichnung	2	Historie
Seite	Bezeichnung				
2	Historie				
<p>Beschreibung</p> <p>Der Y-Verteiler ermöglicht den Anschluss von bis zu drei identischen Slaves an einen MoBu-Stecker</p>	<p>Motron Steuersysteme GmbH Im Gewerbegebiet 6 91093 Heipdorf</p> <p>File: 01162041_0003</p> <table border="1"><tr><td>Projekt:</td><td>REV:</td></tr><tr><td>Datum: 20.06.2001 18:03:42</td><td>Seite: 1/5</td></tr></table>	Projekt:	REV:	Datum: 20.06.2001 18:03:42	Seite: 1/5
Projekt:	REV:				
Datum: 20.06.2001 18:03:42	Seite: 1/5				

00-884217-01 A

Revisionen

Rev.	Datum	Gez.	Änderungen
00.02	28.11.00	OC	Optokoppler getauscht in HCPL0501
00.03	20.6.01	MB	<ul style="list-style-type: none">- Optokoppler wieder HCPL0701, dabei Beschaltung verändert -Widerstände an Pins 7 ergänzt- aber NUR an den Eingängen, also den Data-ins- Quarz 18MHz- neuer tplace für die Dioden- C12/100µF wird bestückt- Spannungsregler IC1: Pins1 und 3 getauscht

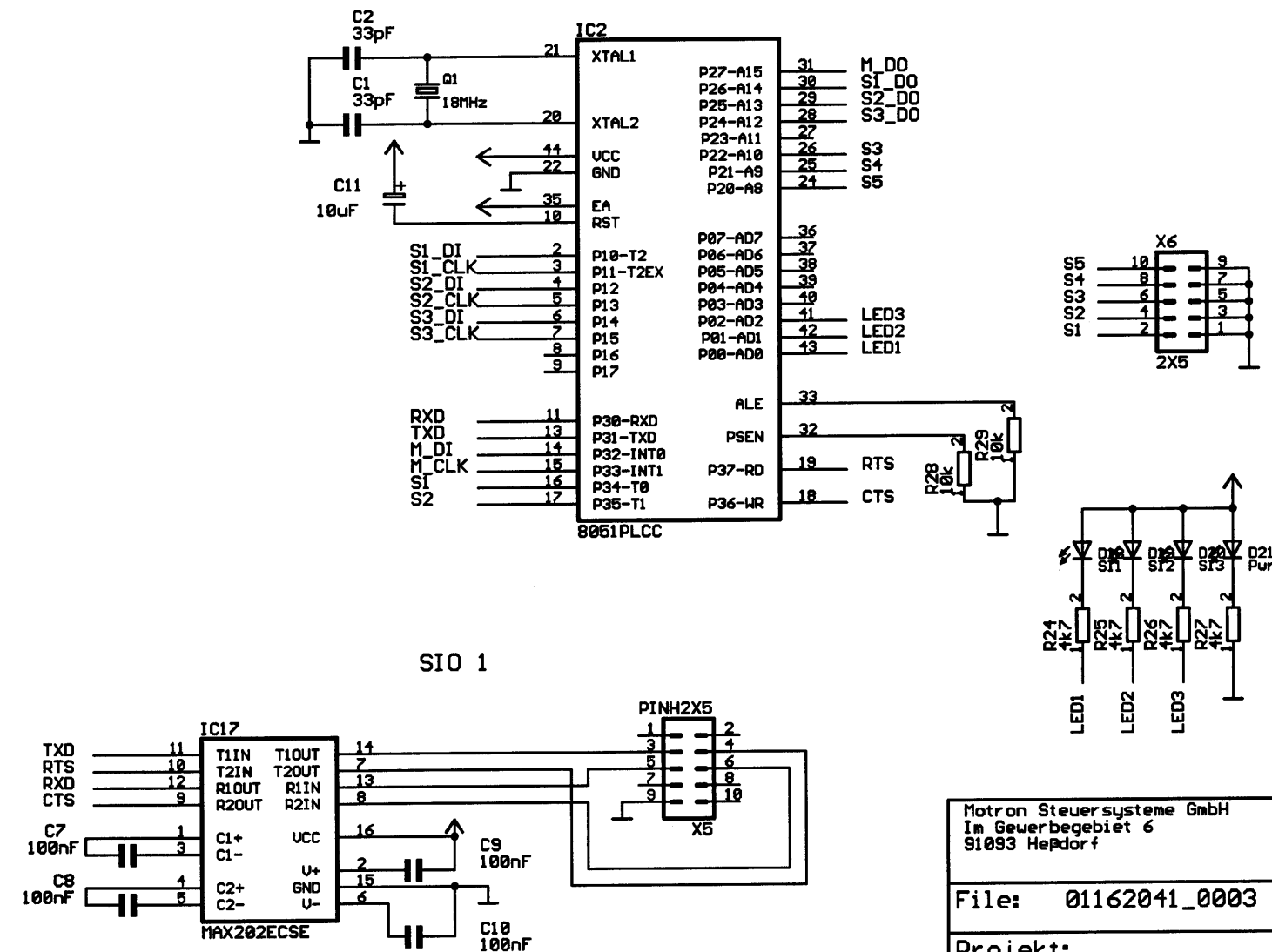
Project and Copyright
Date



BS
LS

Motron Steuersysteme GmbH Im Gewerbegebiet 6 91093 Heppdorf	
File: 01162041_0003	
Projekt:	REV:
Datum: 20.06.2001 18:03:42	Seite: 2/5

00-884217-01 A



Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heppdorf

File: 01162041_0003

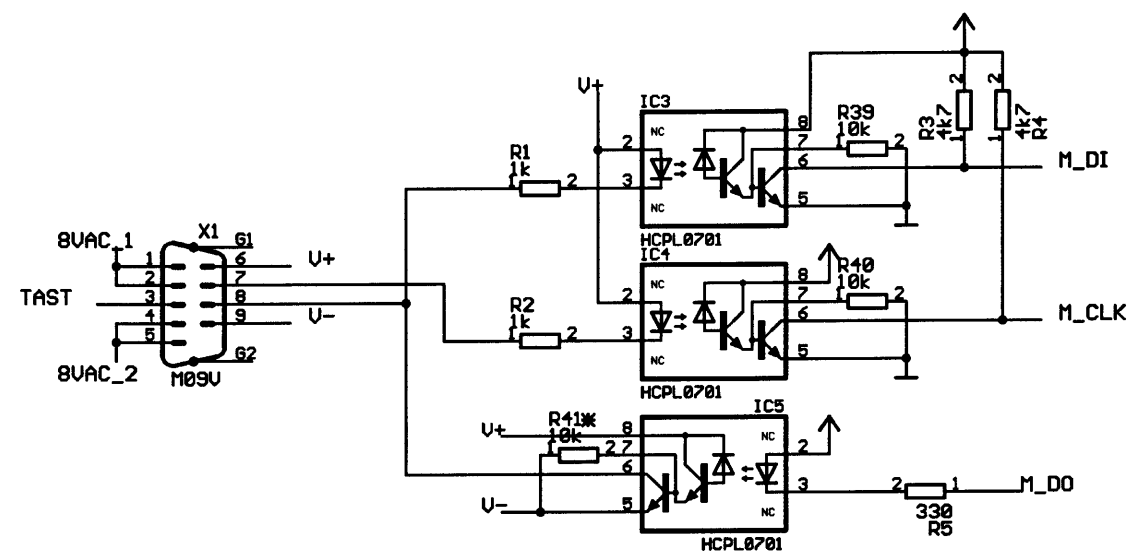
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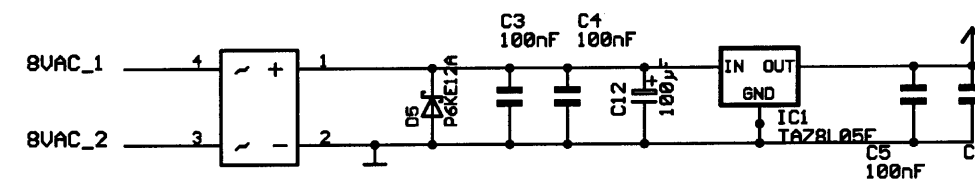
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00-884217-01 A



* wird momentan nicht bestückt



Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heßdorf

File: 01162041_0003

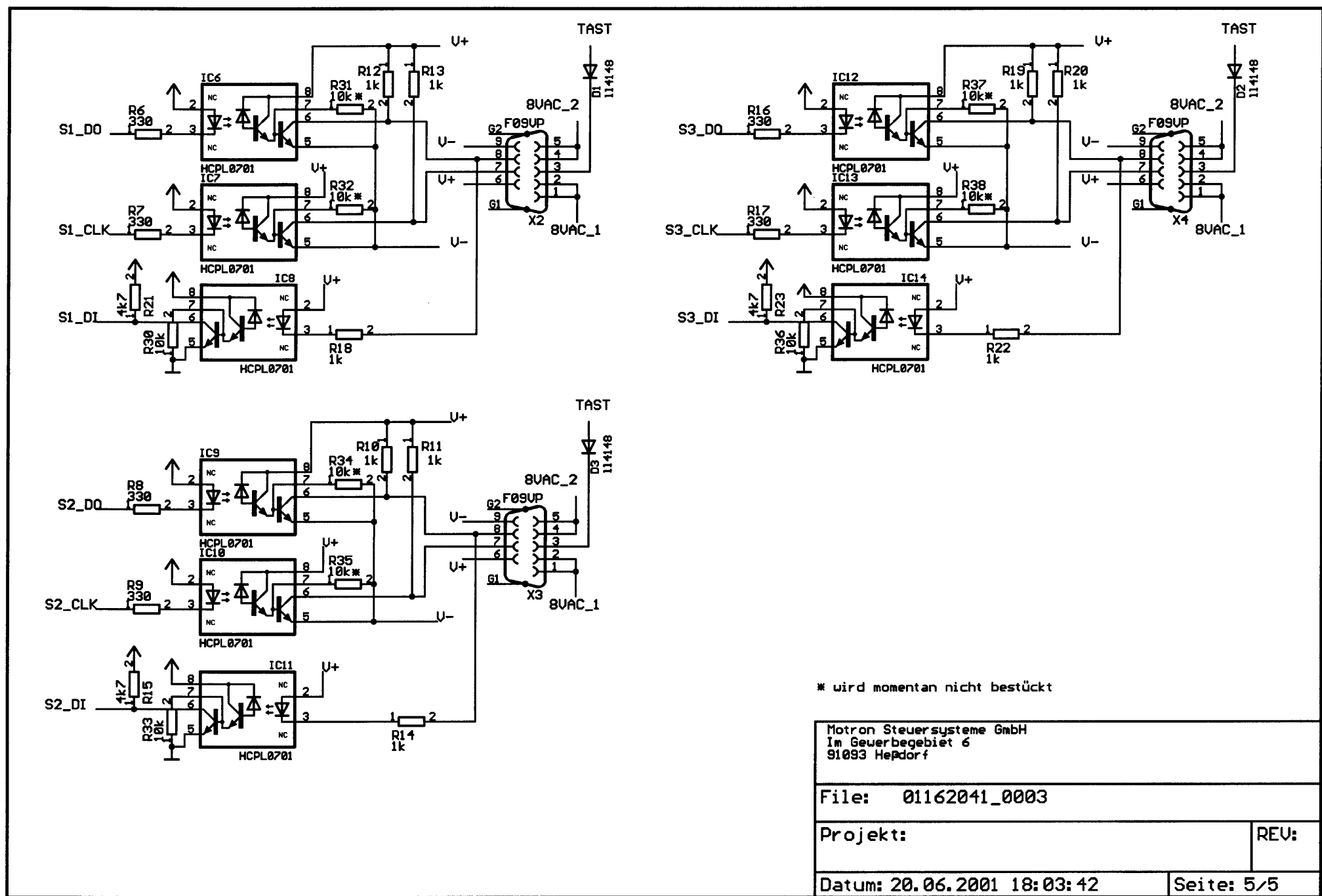
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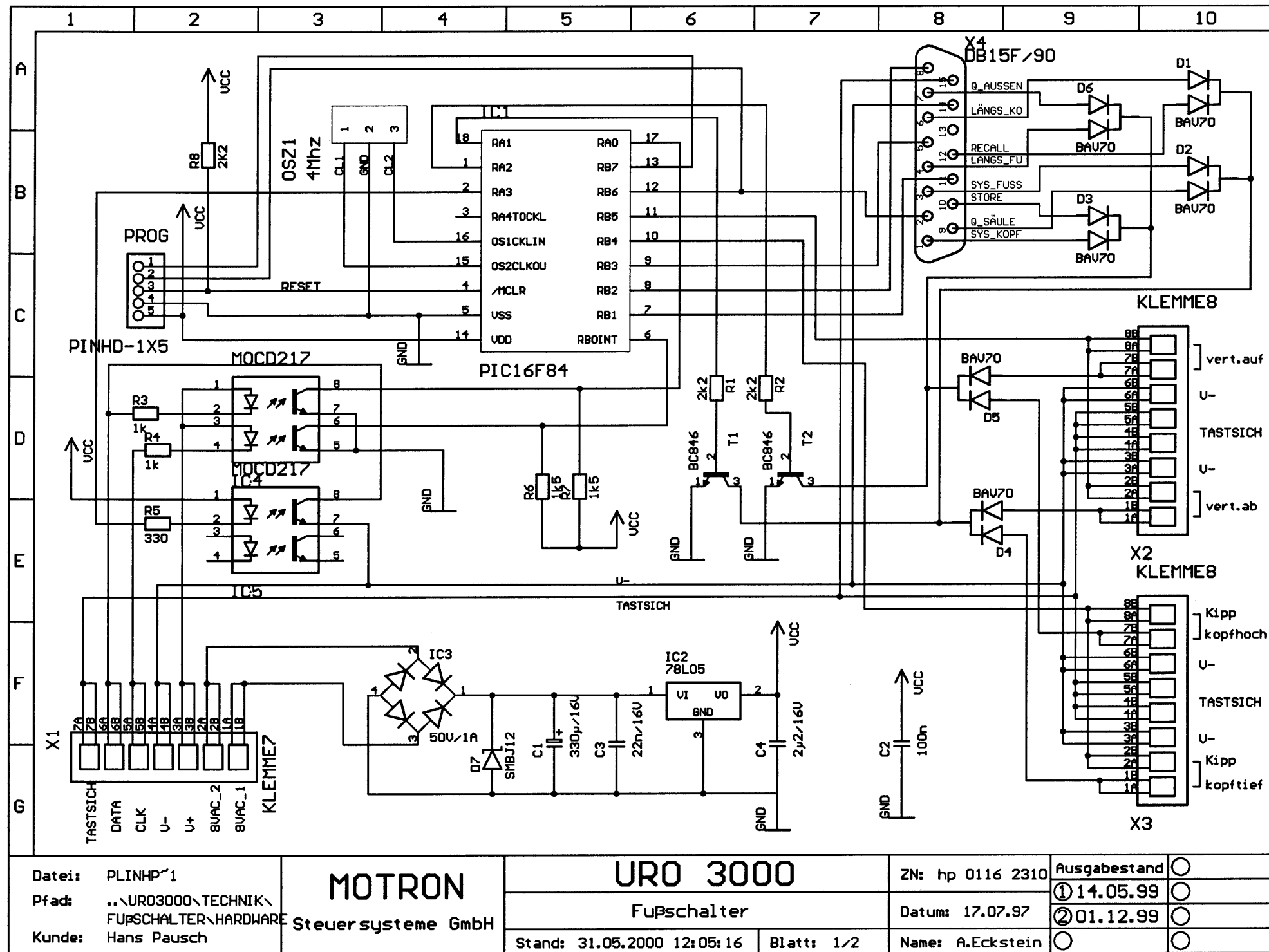
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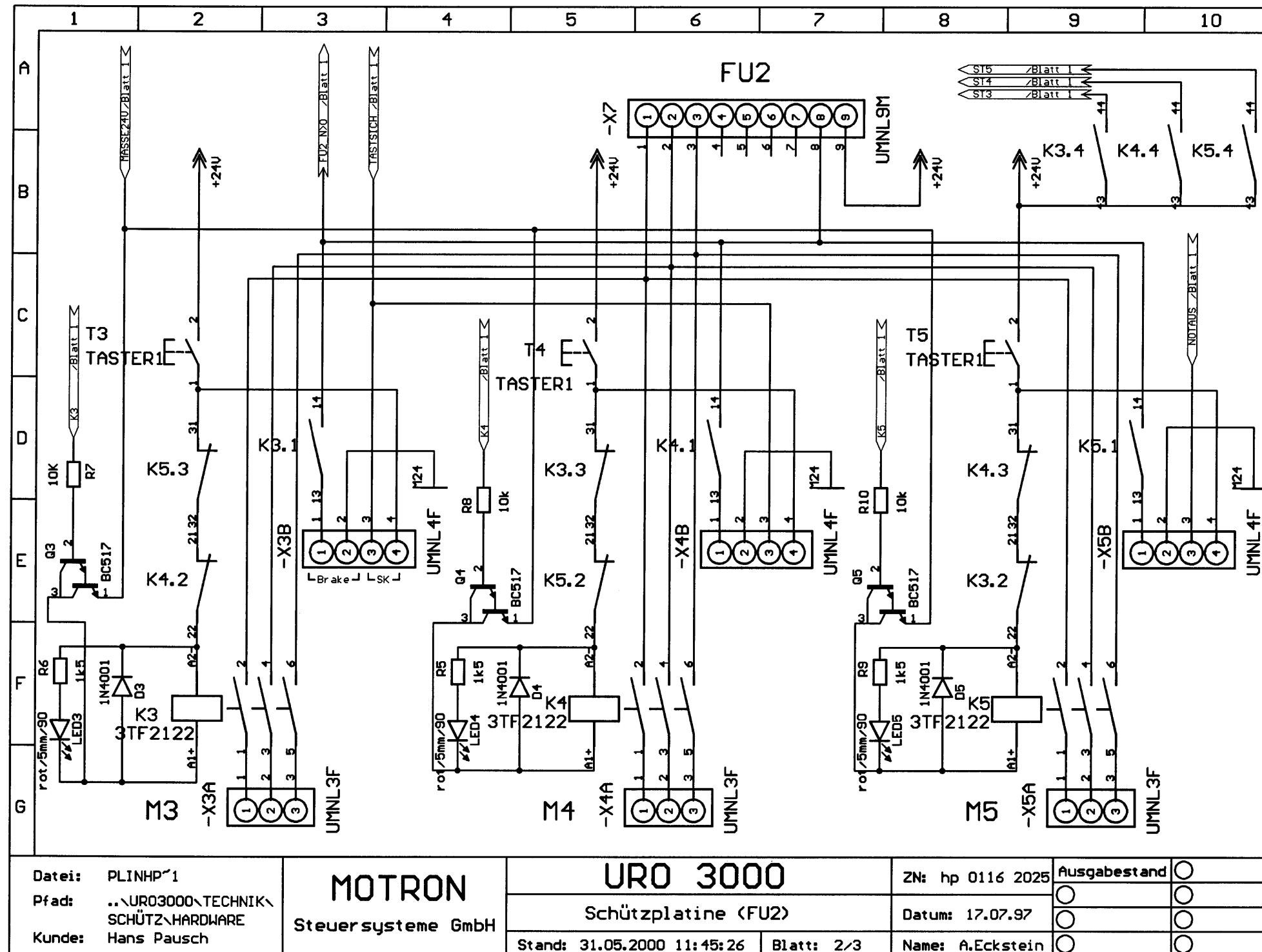
00-884217-01 A



00-884218-01 A

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A	<div>1. Busanschluß 7-polig. Tastensicherungssignal direkt auf U- Programmierschnittstelle 5-polig. IC1 16C84 -> 16F84 (14.5.99 AE)</div> <div>2. Neues Layout. Stecker X1 7-polig (1.12.99 AE)</div> <div>Layoutdatei: PLIN.hp 0116 2310.002.BRD</div>									
B										
C										
D										
E										
F										
G	Datei: PLINHP~1		MOTRON		URO 3000		ZN: hp 0116 2310		Ausgabestand <input type="radio"/>	
	Pfad: ..\URO3000\TECHNIK\		Steuersysteme GmbH		Änderungsstand		Datum: 17.07.97		<input type="radio"/>	
	FUPSCHALTER\HARDWARE								<input type="radio"/>	
	Kunde: Hans Pausch				Stand: 31.05.2000 12:05:16		Blatt: 2/2		Name: A.Eckstein <input type="radio"/>	

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Datei: PLINHP~1
 Pfad: ..\URO3000\TECHNIK\
 SCHÜTZ\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000
 Schützplatine (FU2)
 Stand: 31.05.2000 11:45:26 Blatt: 2/3

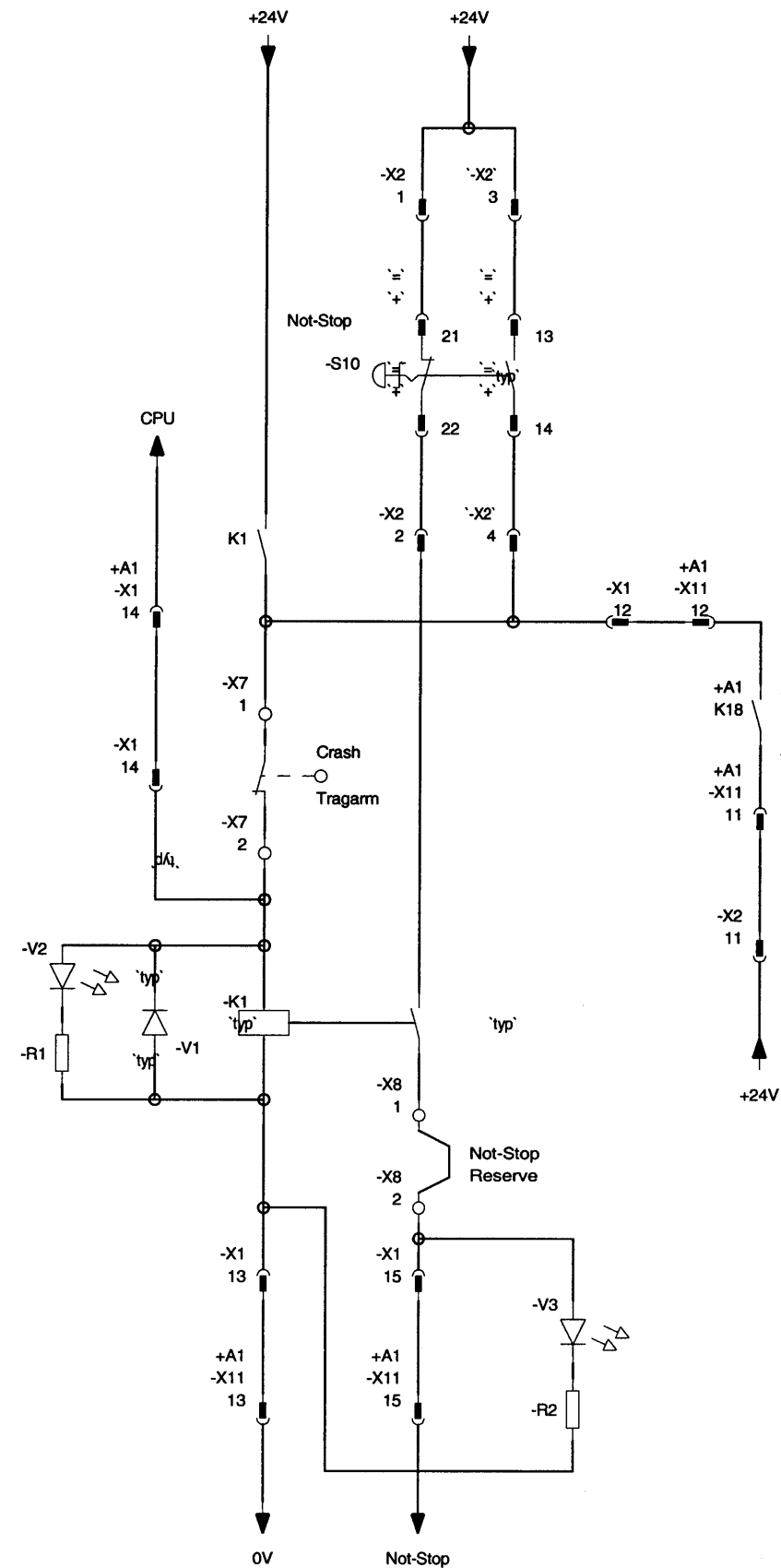
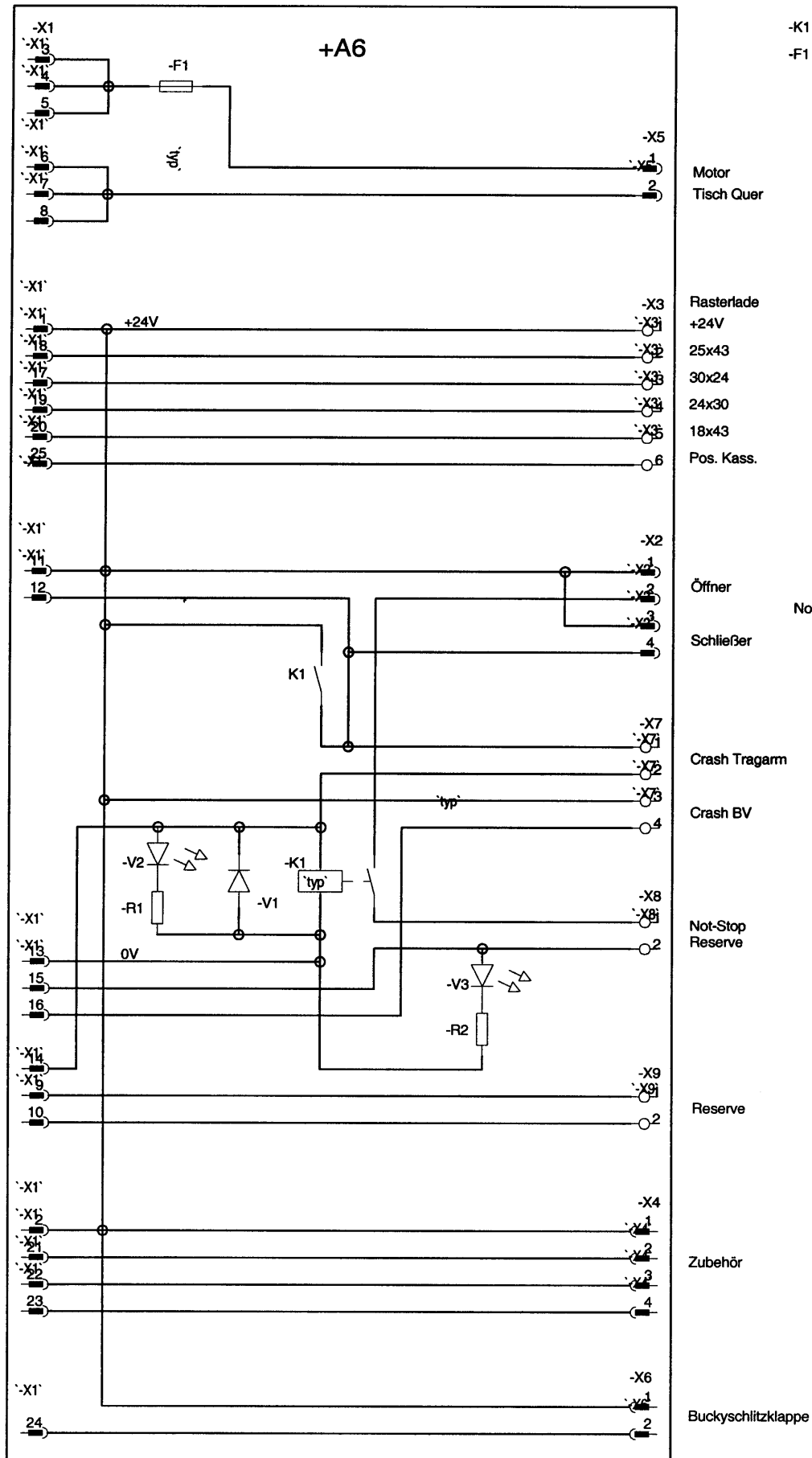
ZN: hp 0116 2025
 Datum: 17.07.97
 Name: A.Eckstein
 Ausgabestand: ☐

00-884219-01 A

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A	<div> <div>1. Notaus schaltet 24V (früher Masse). Transistor enfällt. (5.10.99 AE)</div> <div>2. Kassettenantrieb M5 nur im Notauskreis nicht wie M1-M4 im Tastensicherungskreis. Änderung an der Steckerbelegung -X9 Pin 13. Früher Tastsich jetzt Notaus für M5. (29.7.99 AE)</div> <div>3. Luft- Kriechstrecken korrigiert. Bestückungsdruck AMP-Stecker korrigiert. (19.01.00 MB)</div> </div>										
B											
C											
D											
E											
F											
G	Layout-Datei: PLIN.hp 0116 2025.003.BRD										
Datei: PLINHP~1 Pfad: ..\URO3000\TECHNIK\ SCHÜTZ\HARDWARE Kunde: Hans Pausch		MOTRON Steuersysteme GmbH		URO 3000 Änderungsstand		ZN: hp 0116 2025 Datum: 17.07.97 Name: A.Eckstein		Ausgabestand <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
				Stand: 31.05.2000 11:45:26 Blatt: 3/3							

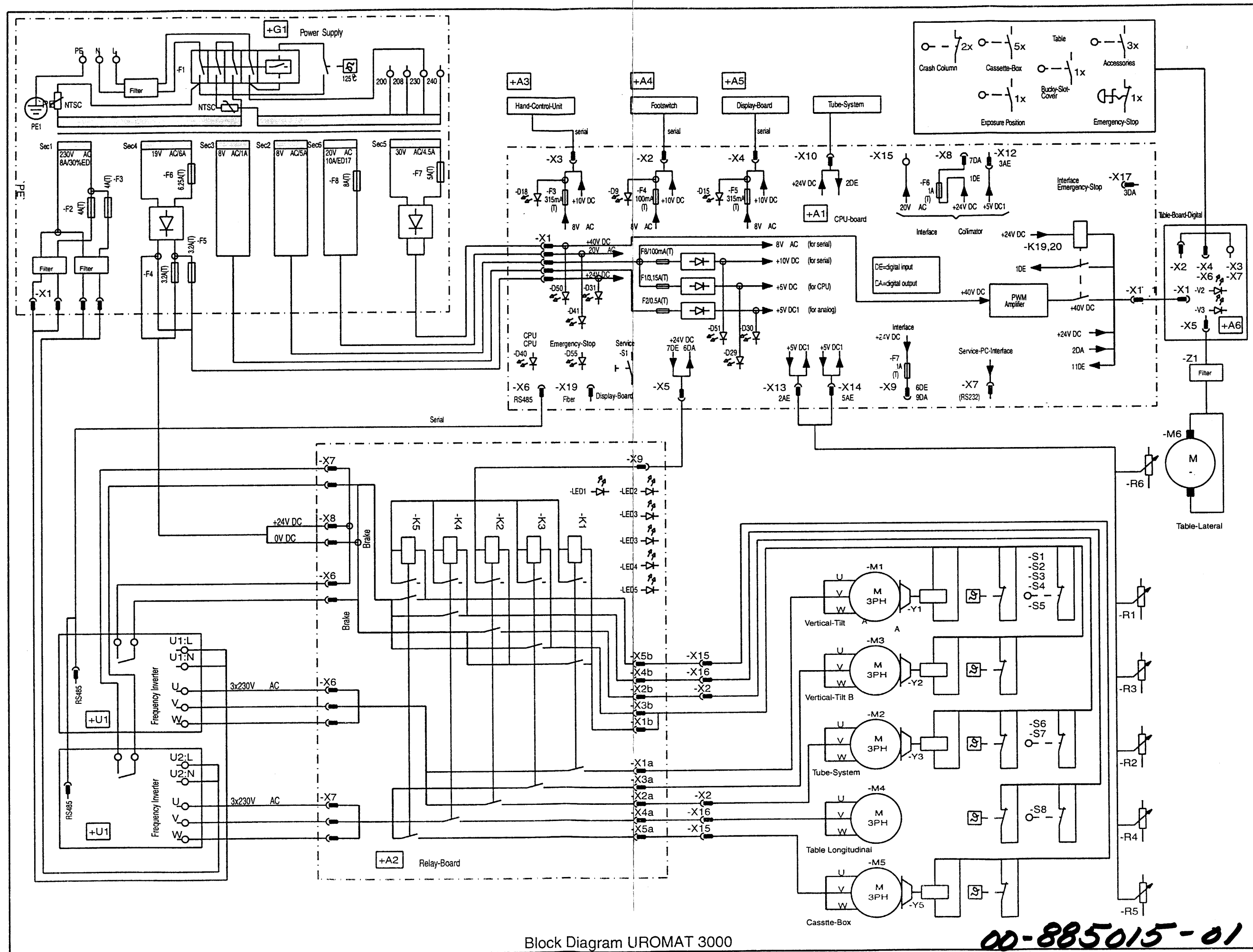
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Blatt	001	Blätter	7801
Nr. 01167402			
Platine Tisch digital			
Table-Board-digital			
Ers. für:			
Bezeichnung	Anlage	Ort	+
Name			
Datum			
Gezeichnet			
Geprüft			
CAD			
HANS PAUSCH			
Röntgengerätebau			
Erlangen			
Mitgl.-Nr.			

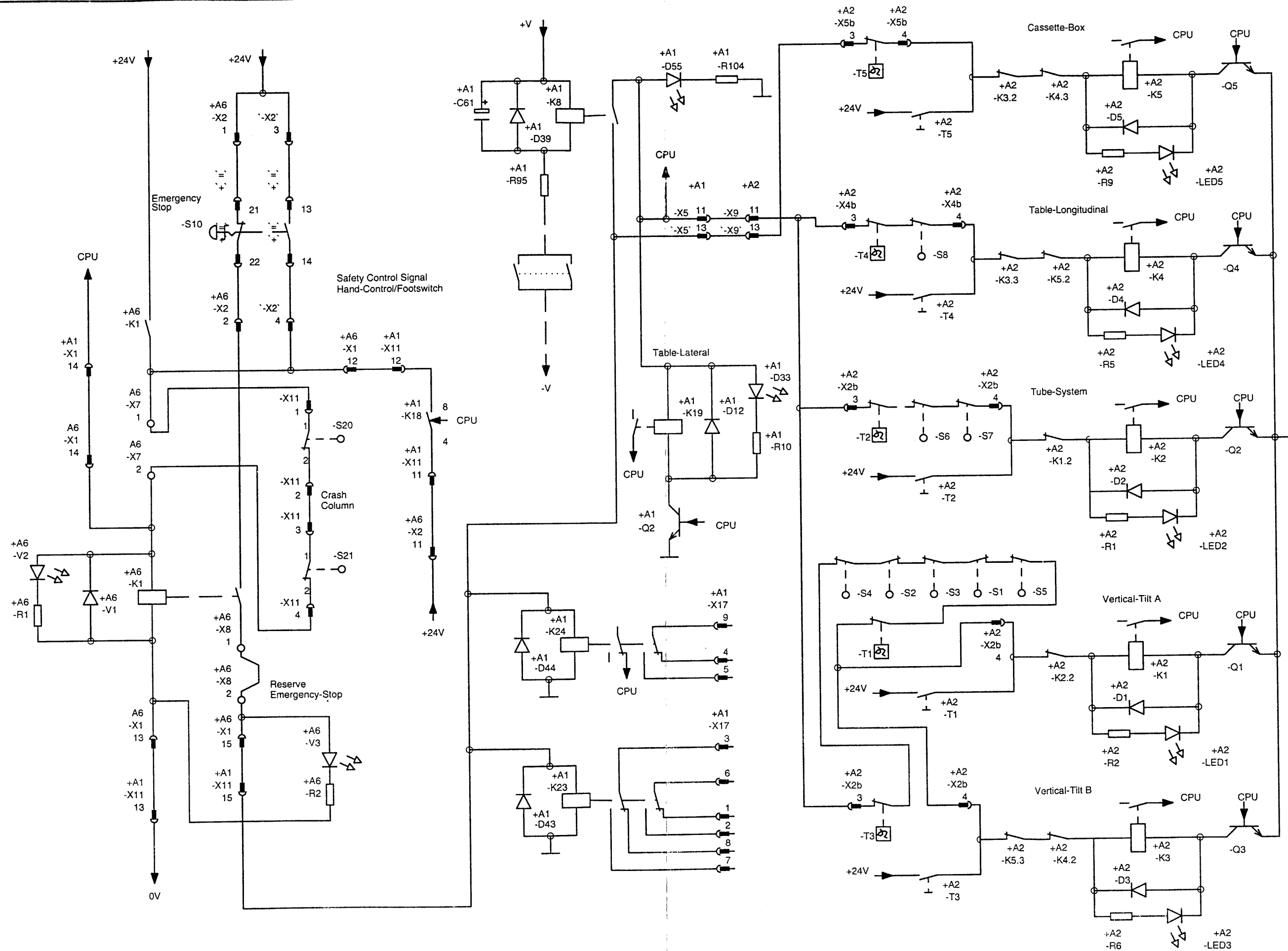
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Block Diagram UROMAT 3000

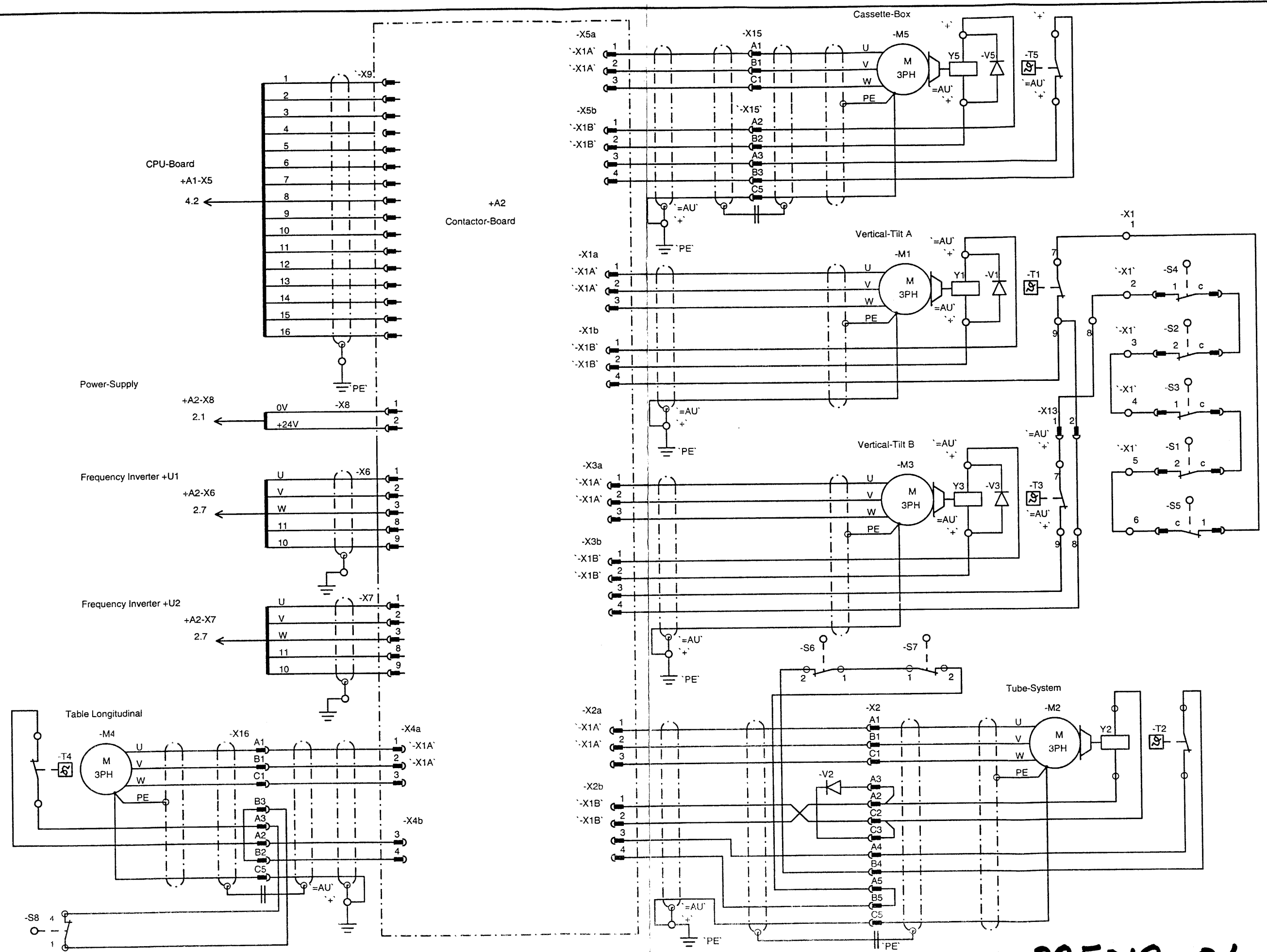
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Circuit Diagram Emergency-Stop

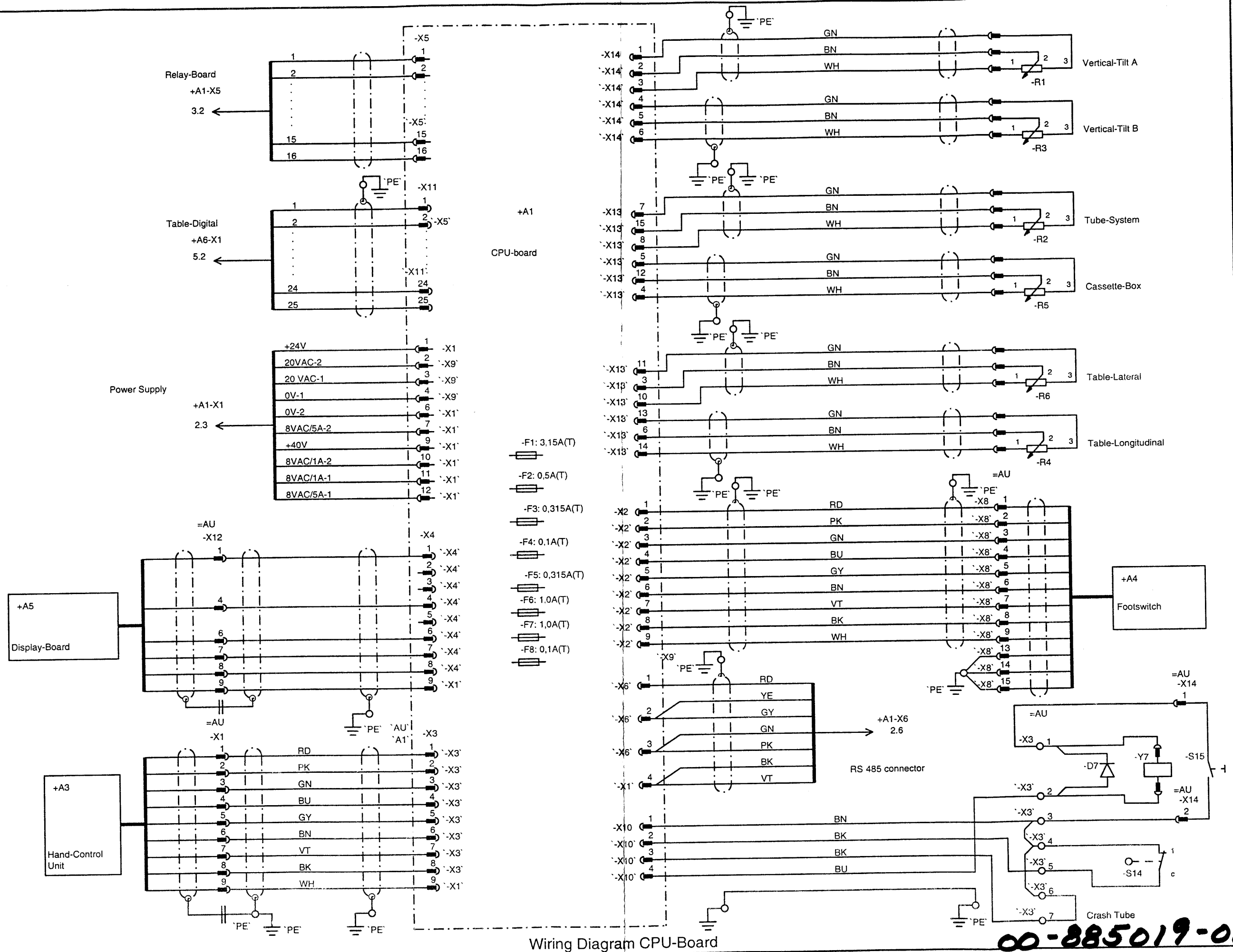
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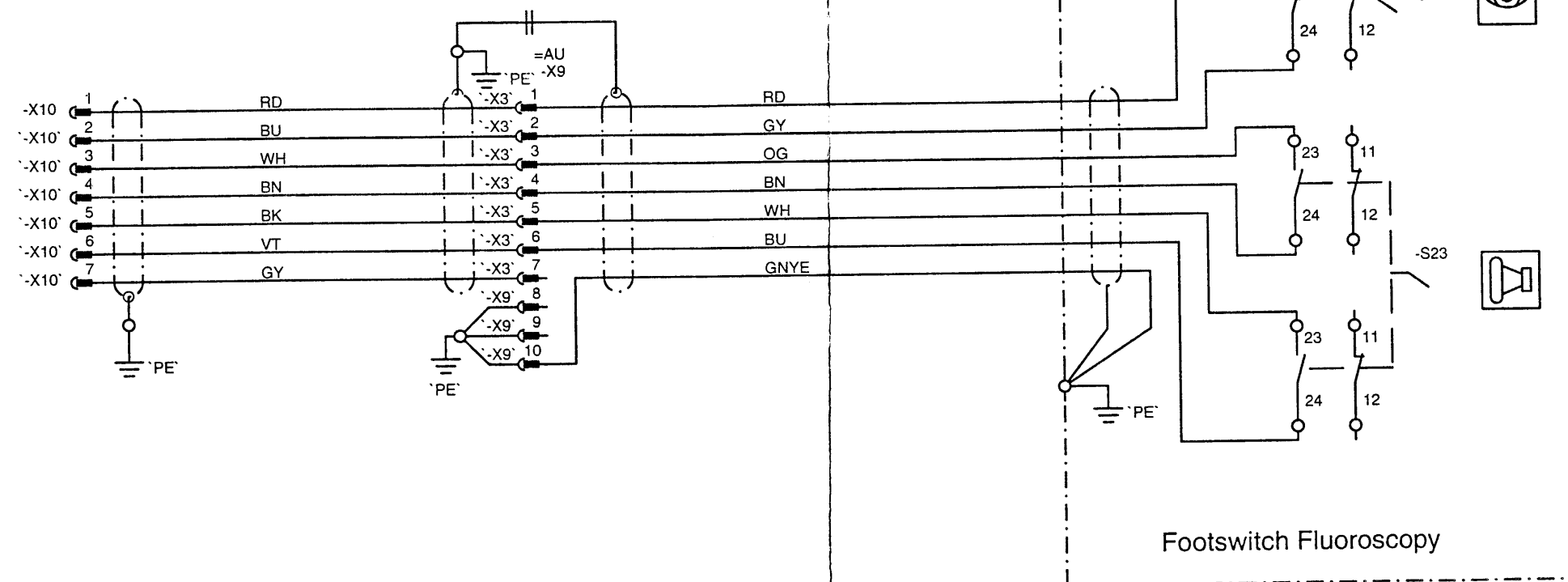
Wiring Diagram Contactor-Board

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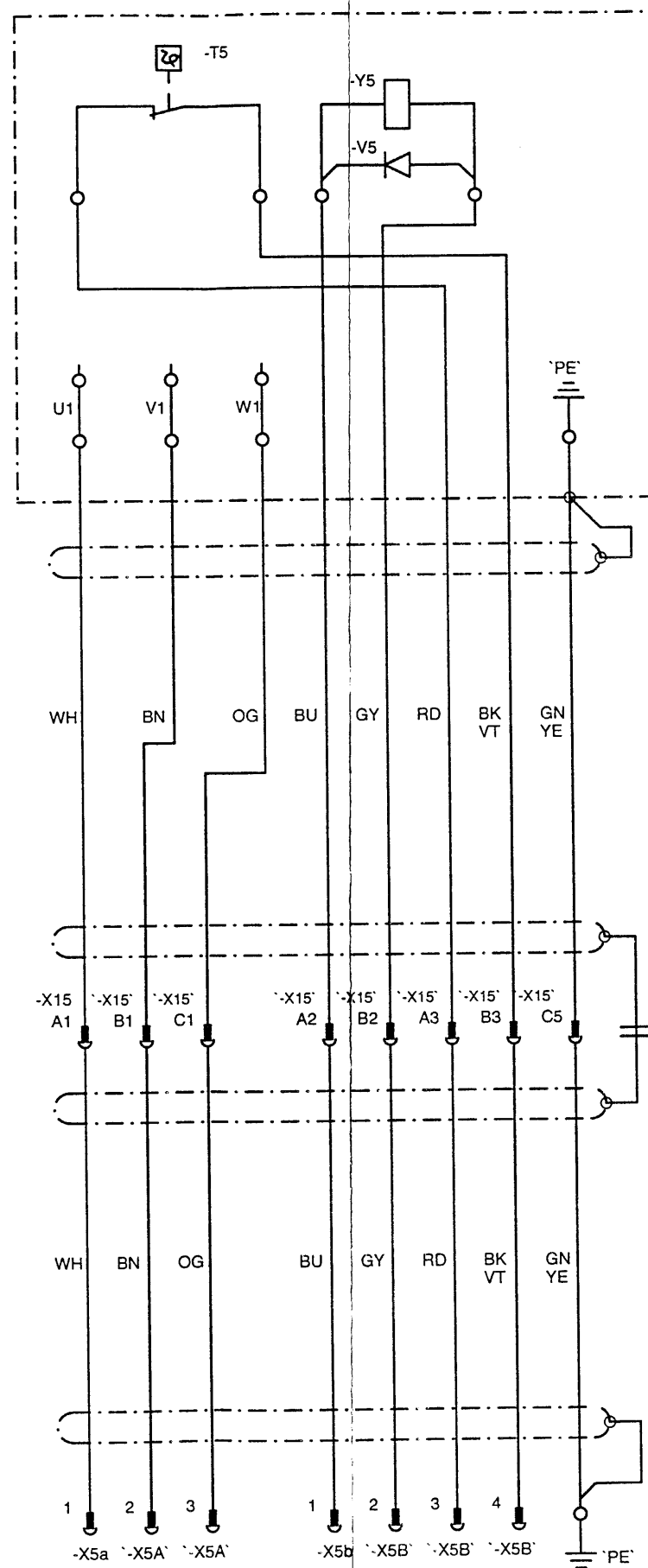
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Wiring Diagram Fluoroscopy

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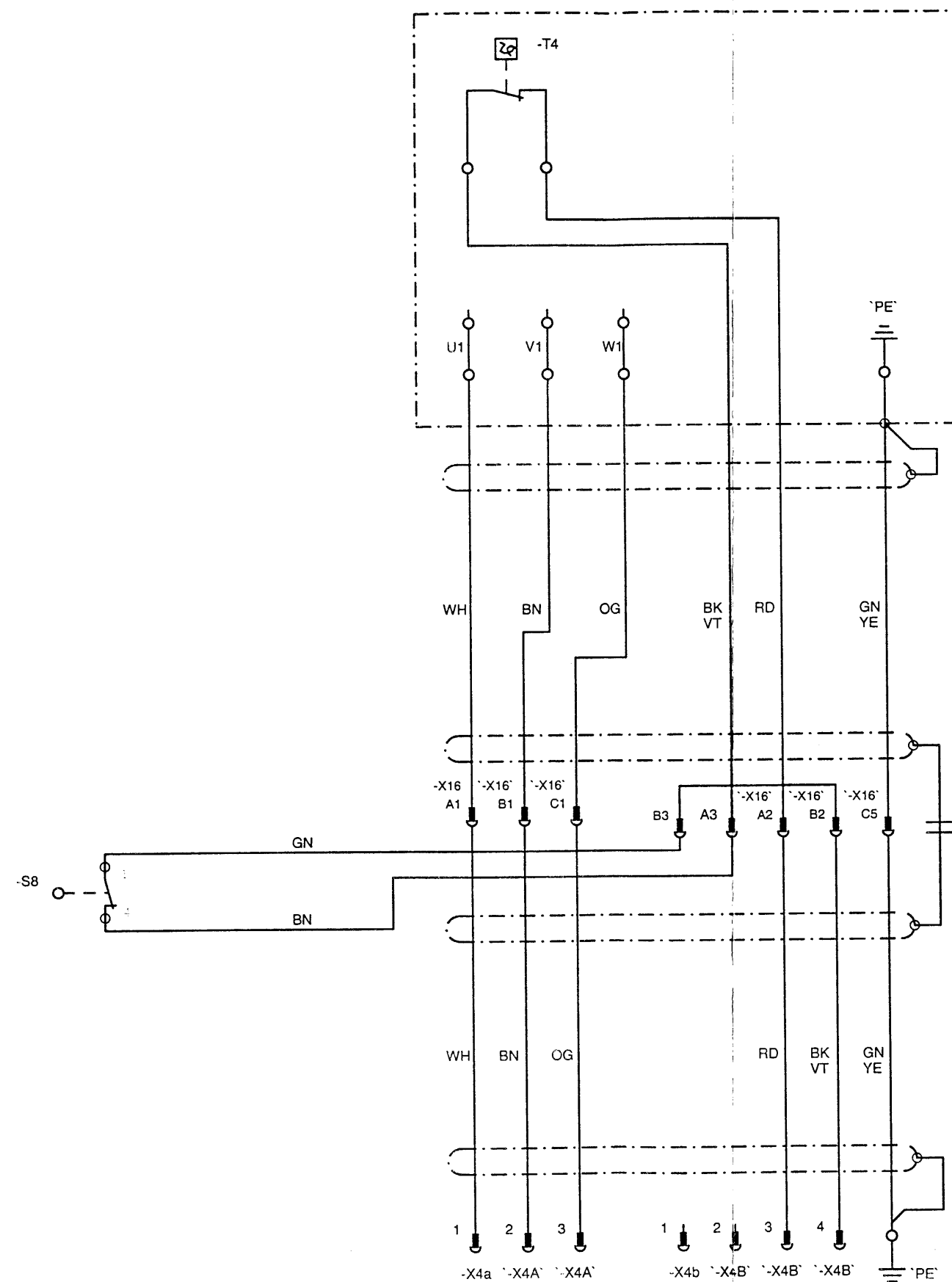
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Wiring Diagram Motor Cassette-Box

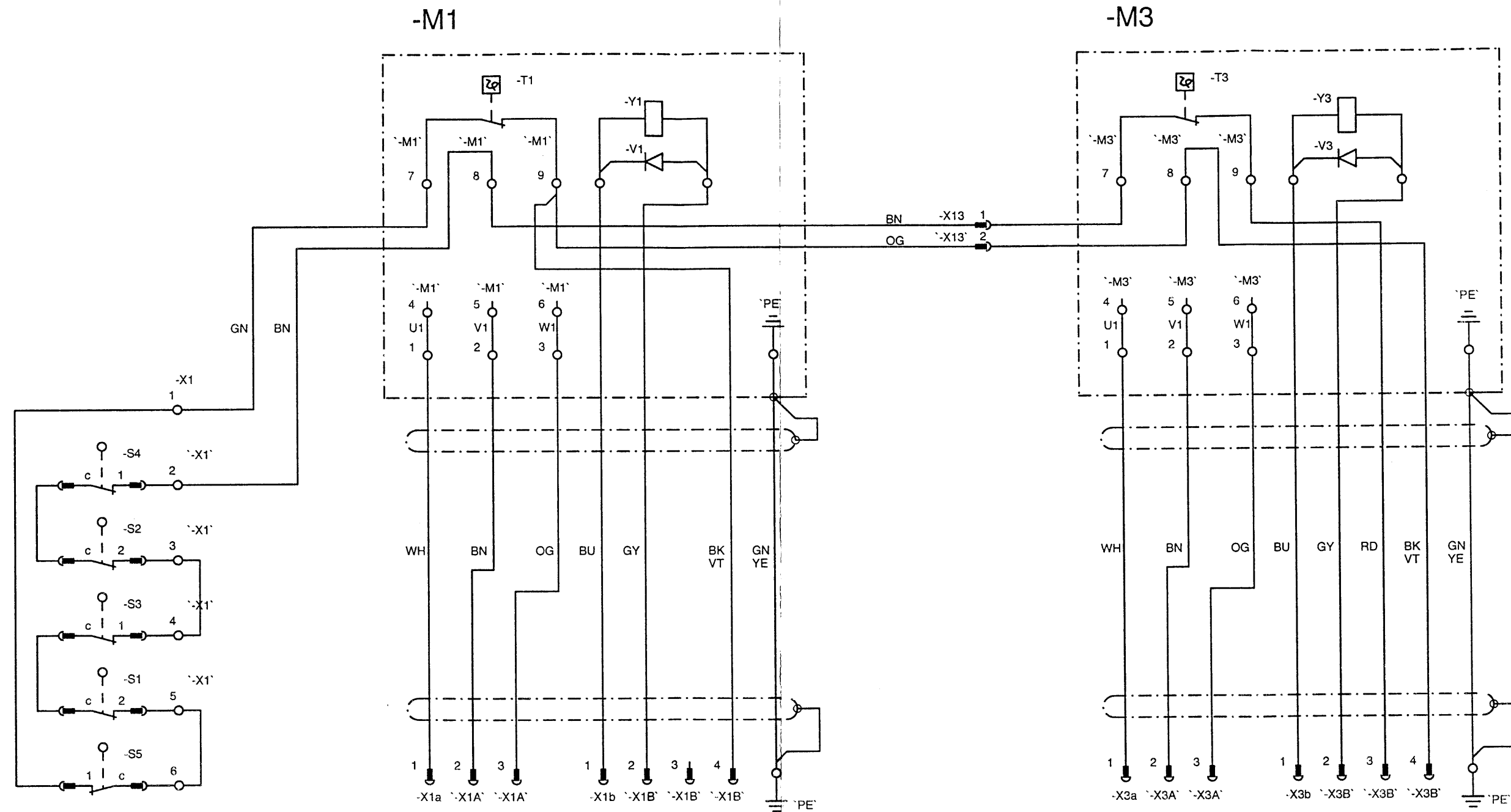
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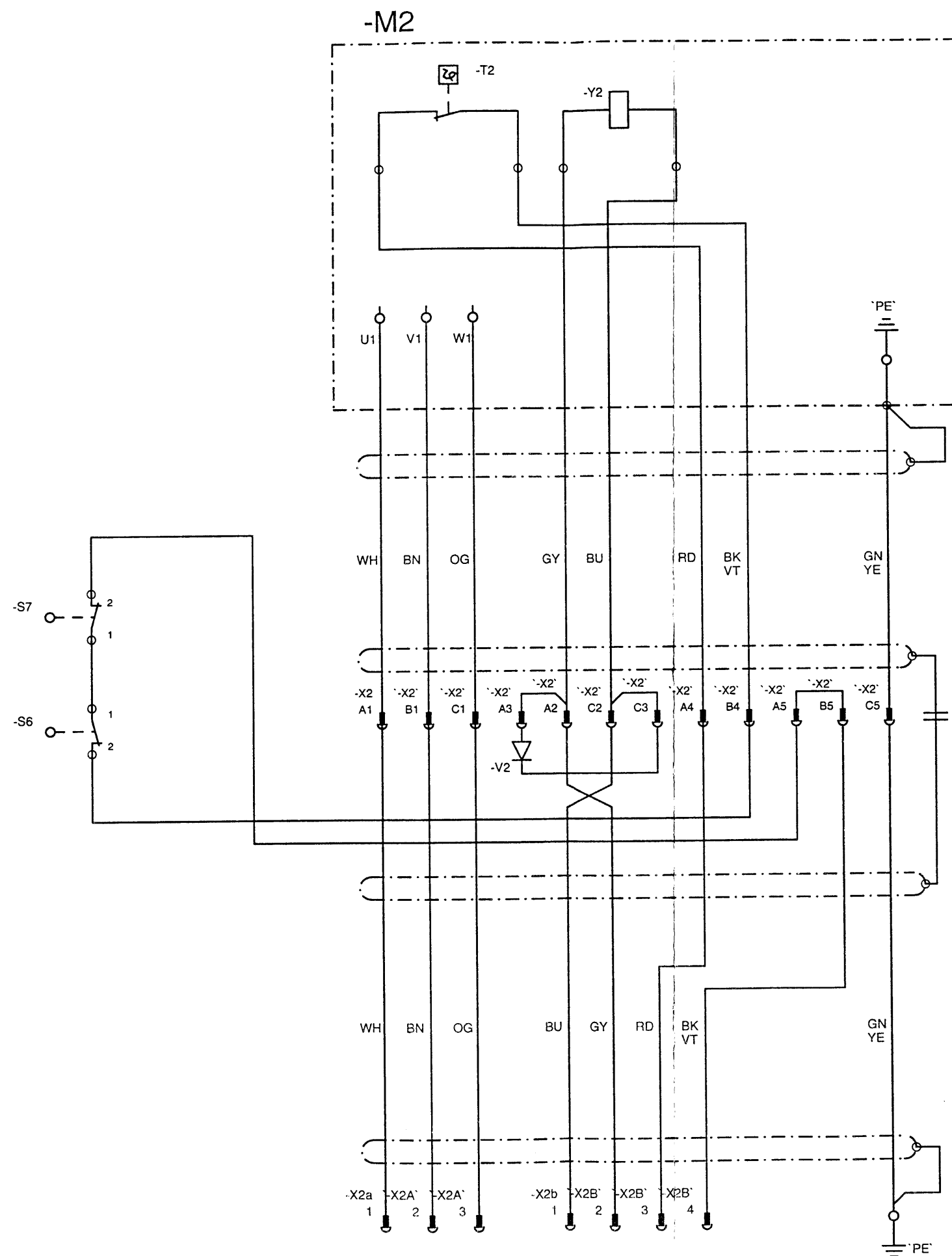
Wiring Diagram Motor Table Longitudinal

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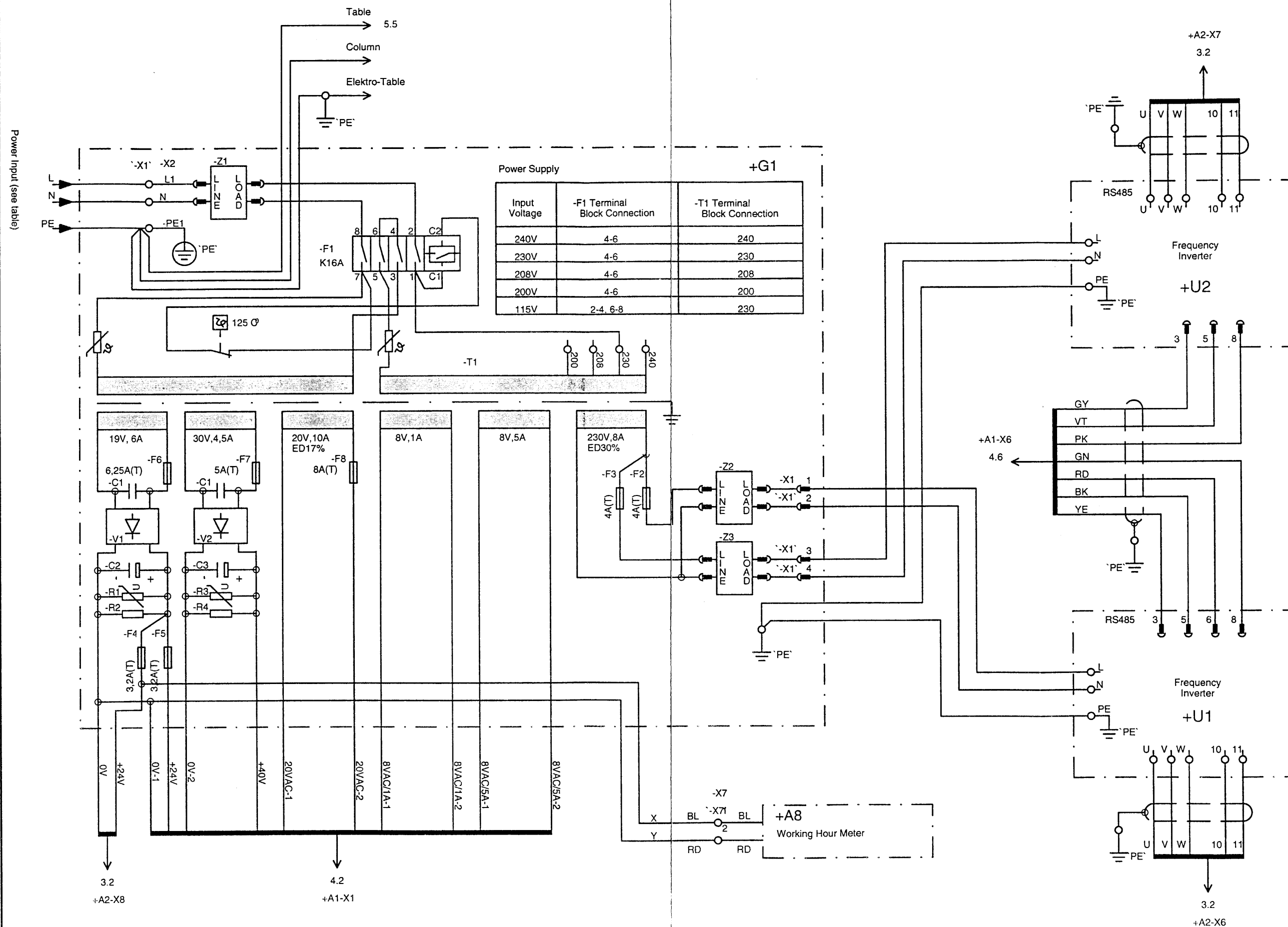
Wiring Diagram Movem. Vertical-Tilt

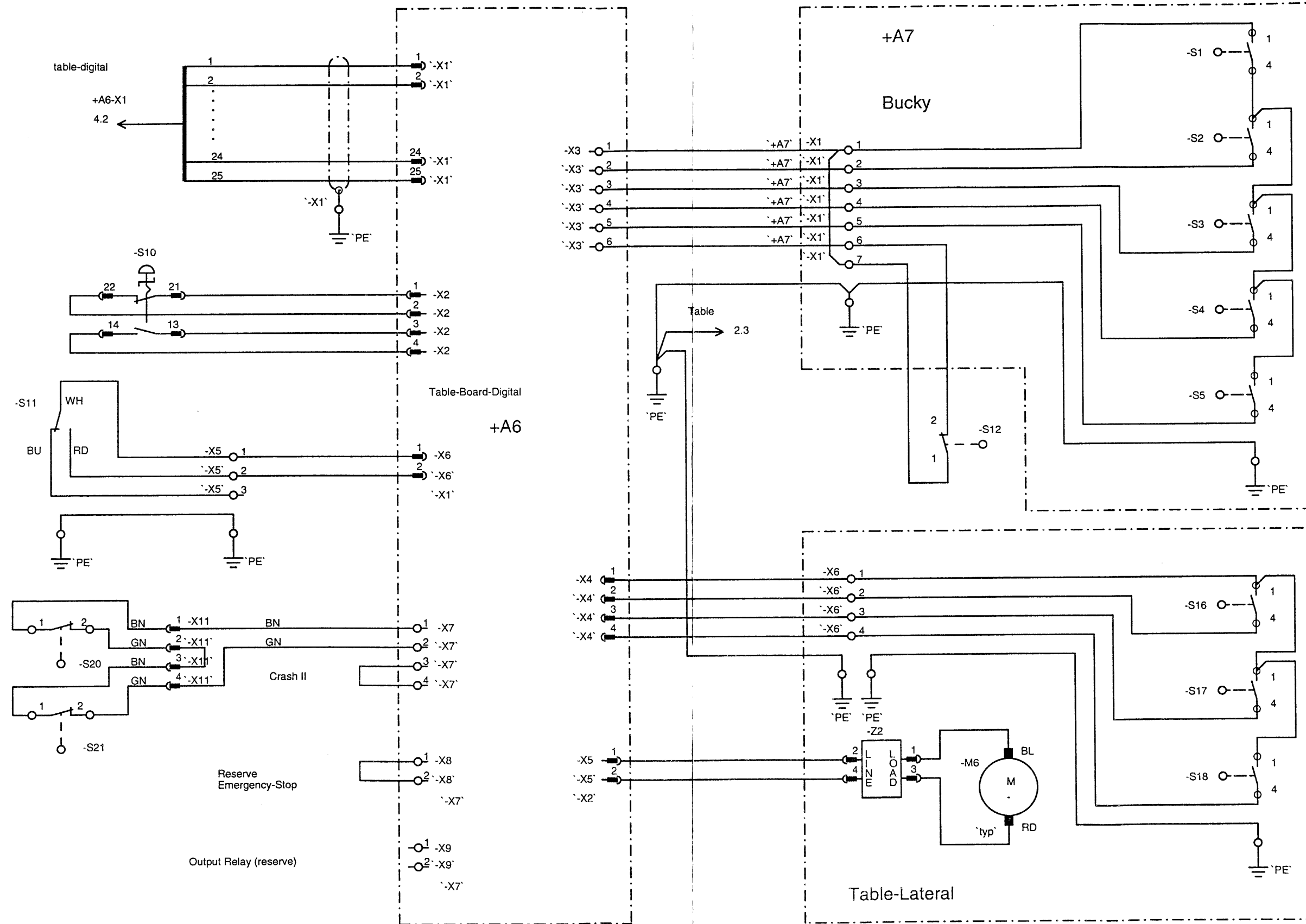
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Wiring Diagram Motor Tube-System

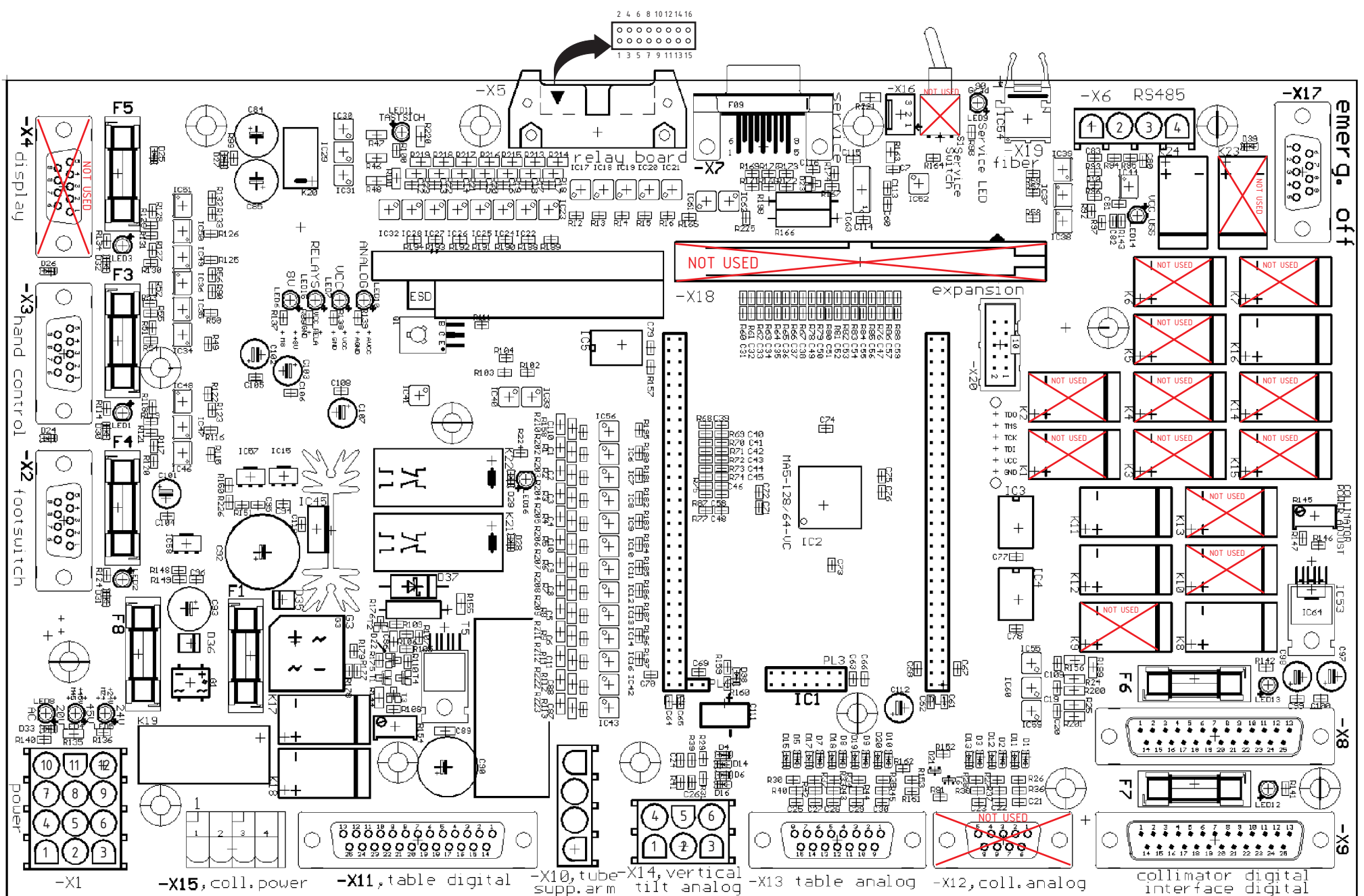
00-885024-01 A





Wiring Diagram Table

00-885026-01 A



LED 1	8VAC	Hand	LED 9	Processor Status	F1	1.5A/T for 8VAC to regulate VCC, AVCC
LED 2	8VAC	Foot	LED 10	A VCC	F3	8VAC to Hand Port (315mA/T)
LED 3	8VAC	Display	LED 11	Security Signal Active	F4	8VAC to Foot Port (315mA/T)
LED 4	+45V		LED 12	+24V	F5	8VAC to Display Port (315mA/T)
LED 5	+24V		LED 13	+24V to Drive Collimator Leaves	F6	+24V 1AT, Drives Collimator Leaves
LED 6	+8VAC		LED 14	VCC USS	F7	+24V 1AT
LED 7	VCC		LED 15	VCC Relay	F8	8VAC, Powers Safety Relays, External 8V Slave BUS (200mA/T)
LED 8	20VAC		LED 16	M6 Lateral		

Projekt: CPU-Platine 0116 2020
File: 2020_100
Kunde: Pausch
Revision: 1.00
Datum: 15.10.01

Beschreibung

CPU-Platine fuer UROMAT 3000

Anzahl der Lagen	: 4
Lötstopp Bestückseite	: ja
Lötstopp Lötseite	: ja
Material	: FR4 1,6
Bestückungsdruck	: ja
UL Zulassung	: ja
Elektrisch geprüft	: ja
Kupfer-Stärke	: 35u
Kleinste Leiterbahnbreite ..	: 200u
Kleinster Bohrdurchmesser ..	: 400u

Inhaltsverzeichnis

Seite	Bezeichnung
2	Revision
3	Messpunkte
4	plug in module CPU
5	CPLD
6	Transistor Amplifier for Relays
7	Collimator Relays
8	Memory/Zoom/Exposure Relays
9	Interface Table Top
10	Interface Relay Board
11	Emergency Stop
12	Analog Inputs
13	Slave-Interface
14	Service-Interface
15	RS485-Interface/Fiberoptic
16	Lateral Motion
17	Expansion Interface
18	Termination
19	Power supply
20	Interface Assembly

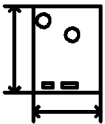
Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heipdorf

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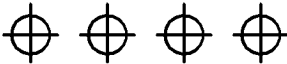
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Revisionen

Rev.	Datum	Gez.	Änderungen



Bohrplan:
dimensions + measures
Stecker:
dimensions + bottomplace

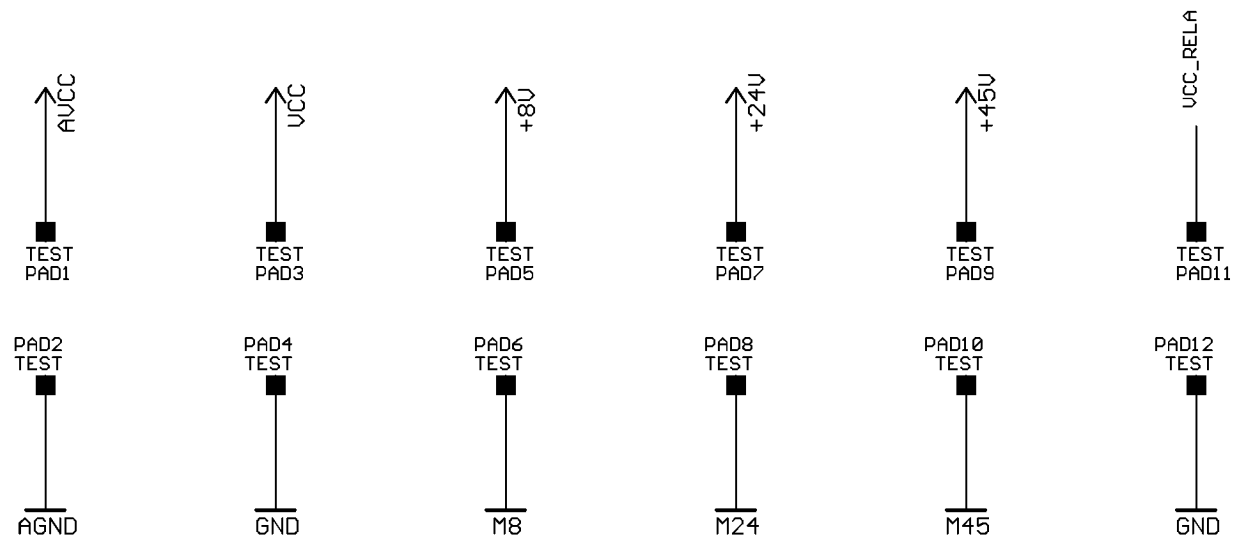


Project

BS
LS

Motron Steuersysteme GmbH Im Gewerbegebiet 6 91093 Heßdorf	
File: hp0116_2020_101	
Projekt:	REV:
Datum: 08.08.2002 07:45:46	Seite: 2/21

Test points



Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heipdorf

File: hp0116_2020_101

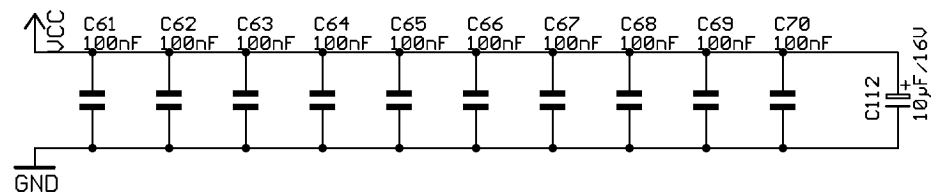
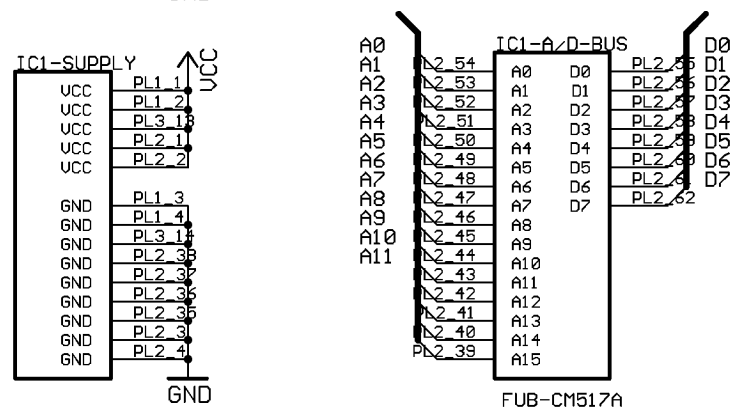
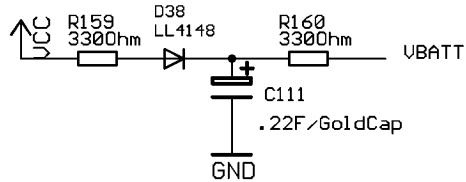
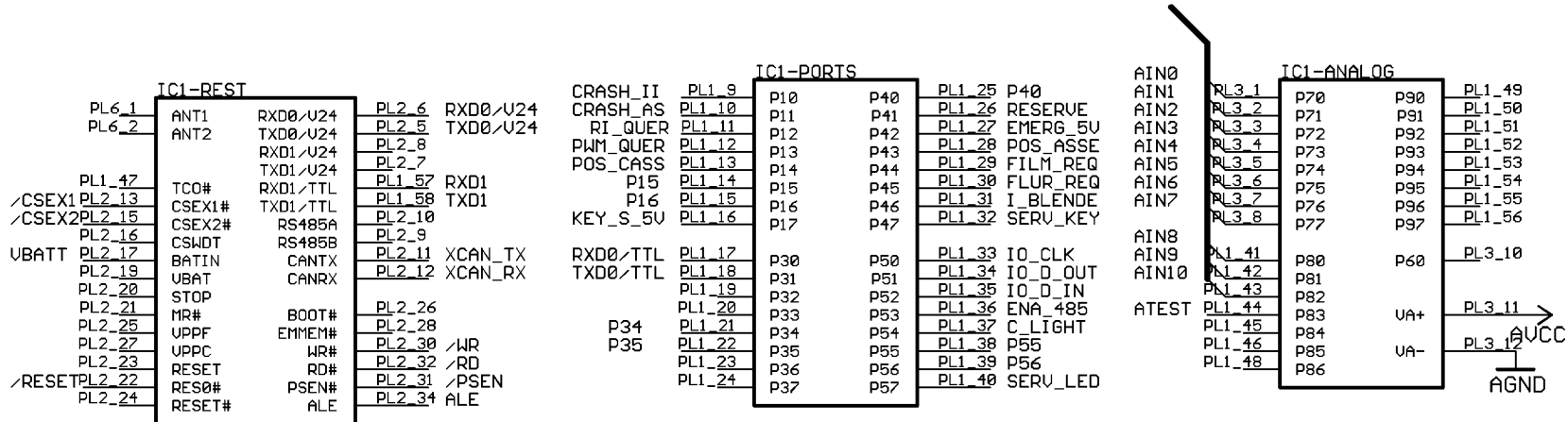
Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 3/21

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plug in module CPU
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Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heßdorf

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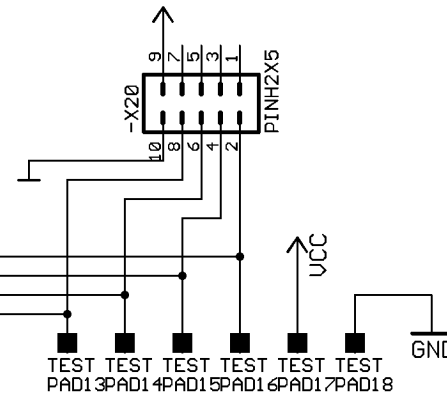
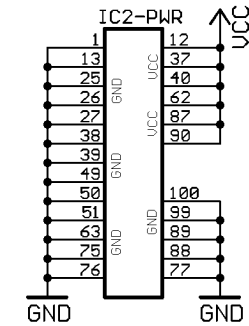
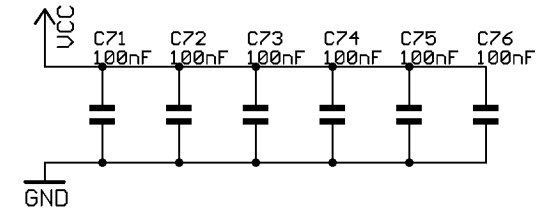
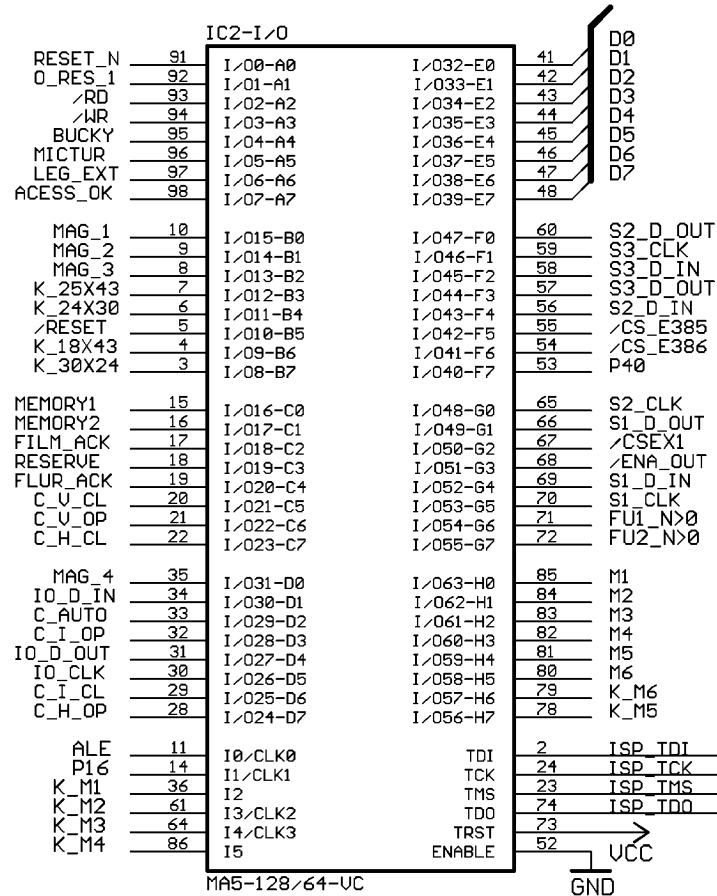
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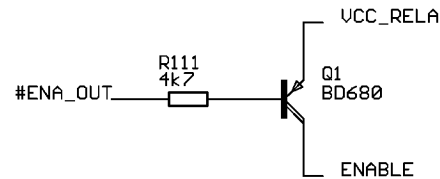
Datum: 08.08.2002 07:45:46

Seite: 4/21

CPLD



enable power supply for
all outputs



Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heppdorf

File: hp0116_2020_101

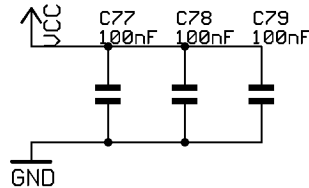
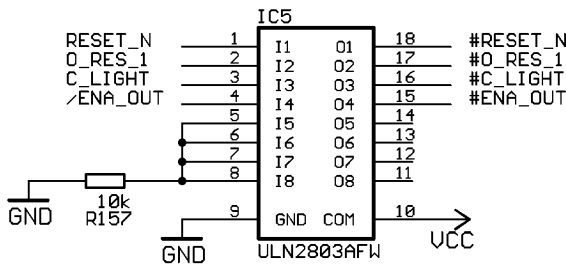
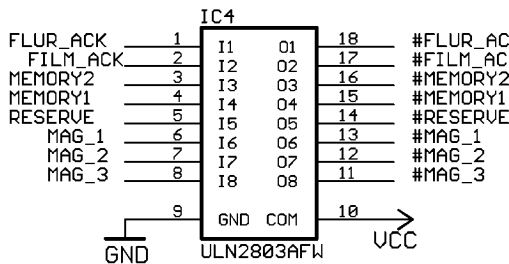
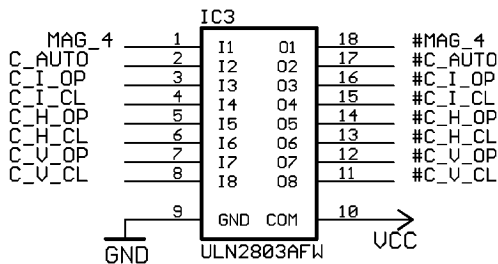
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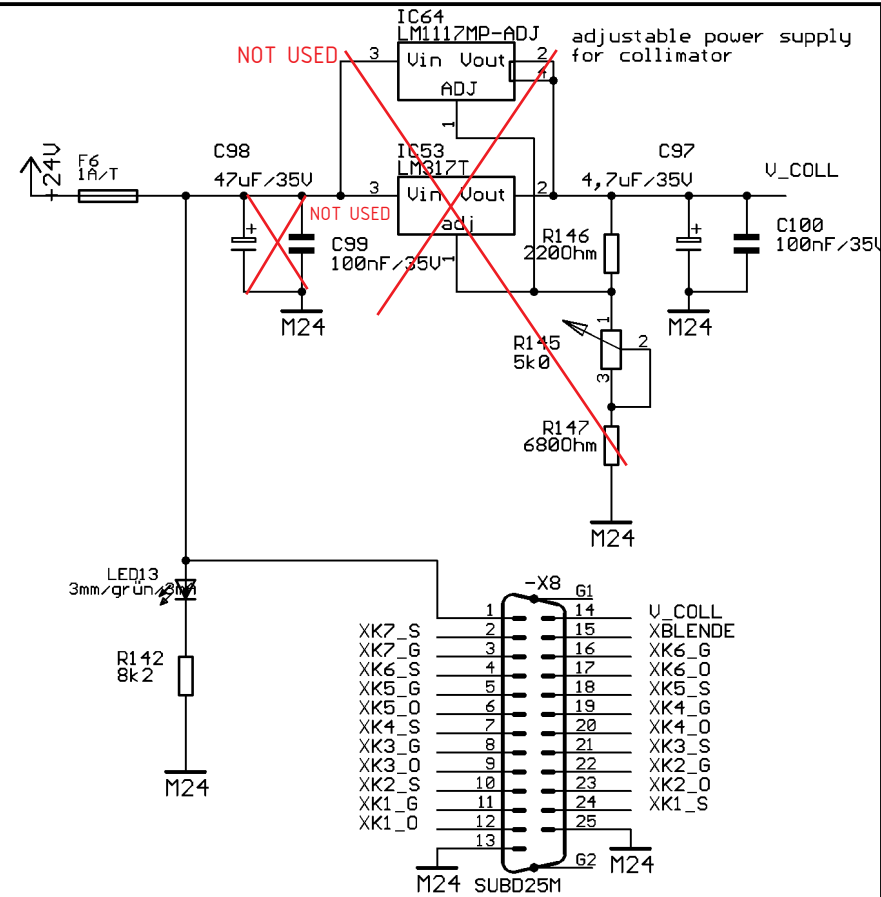
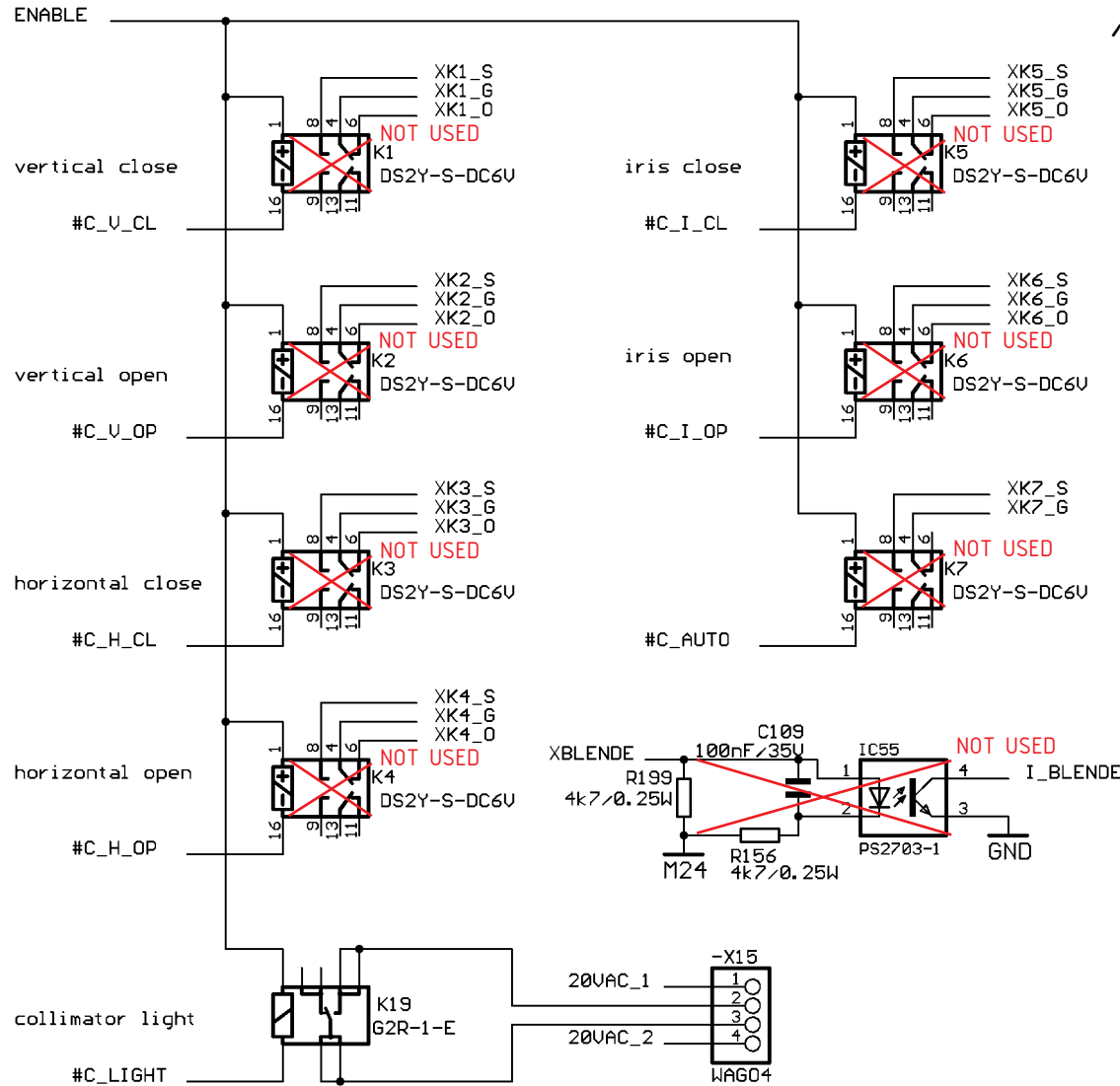
Datum: 08.08.2002 07:45:46

Seite: 5/21

Transistor Amplifier for Relays



Collimator Relays



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File: hp0116_2020_101

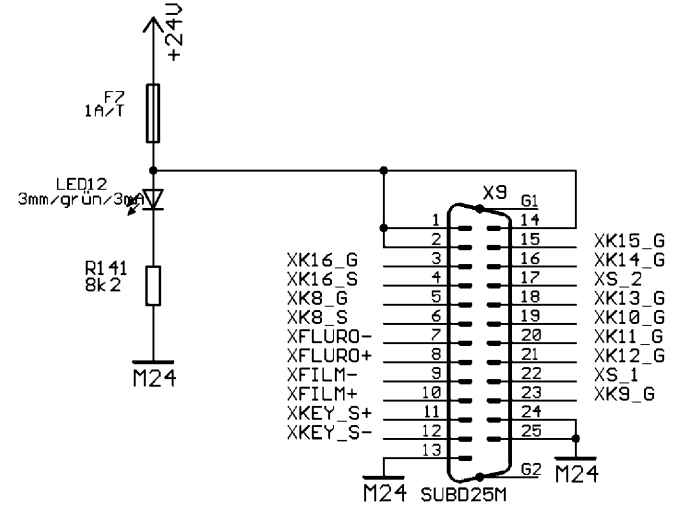
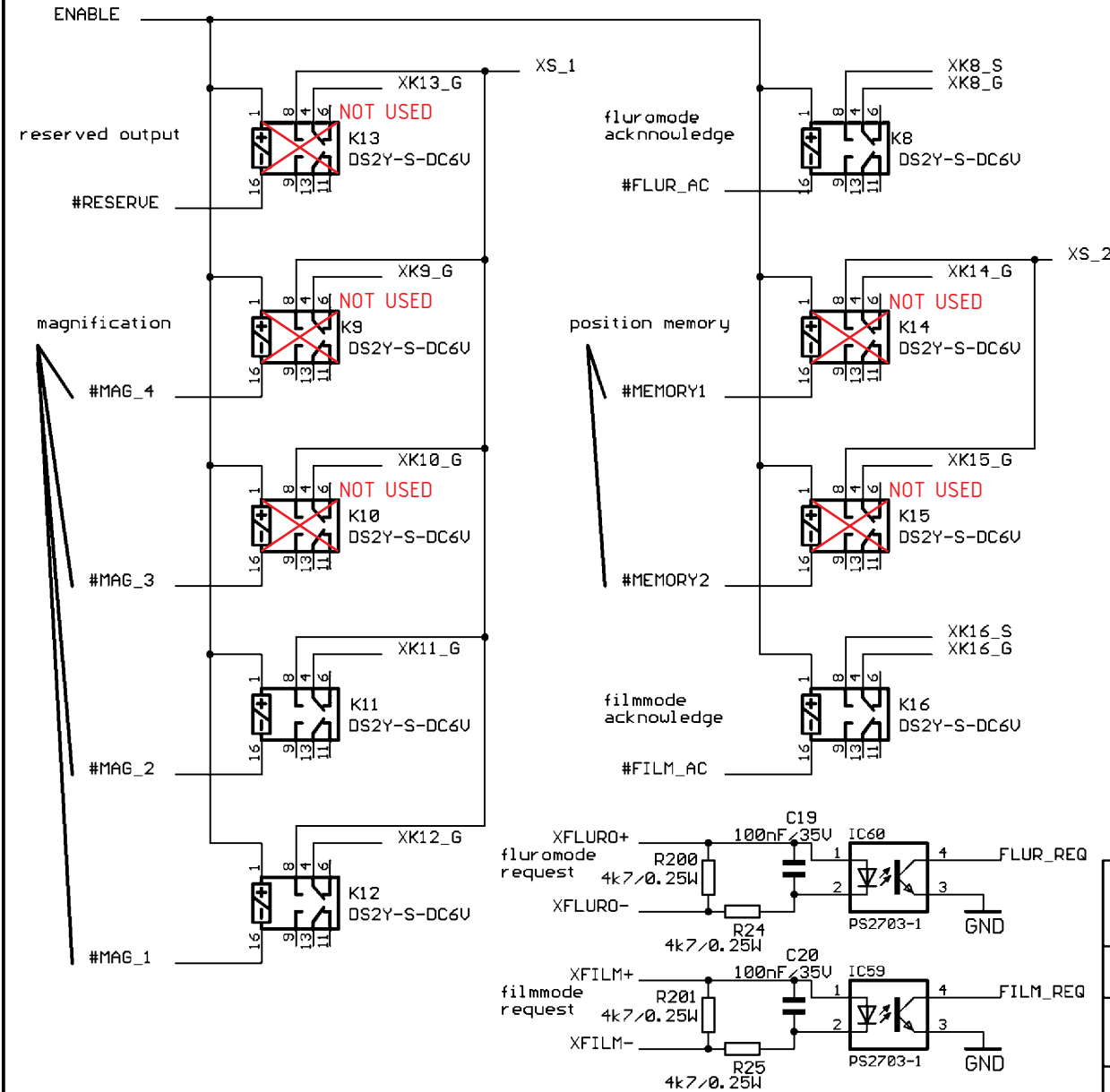
Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 7/21

Memory/Zoom/Exposure Relays



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File: hp0116_2020_101

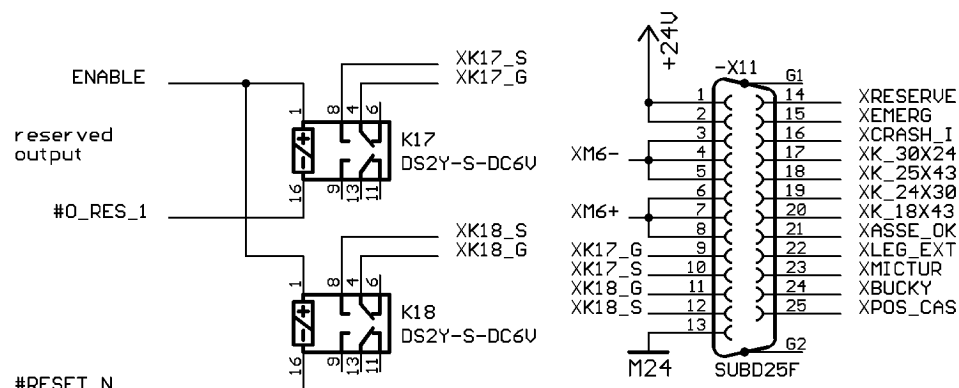
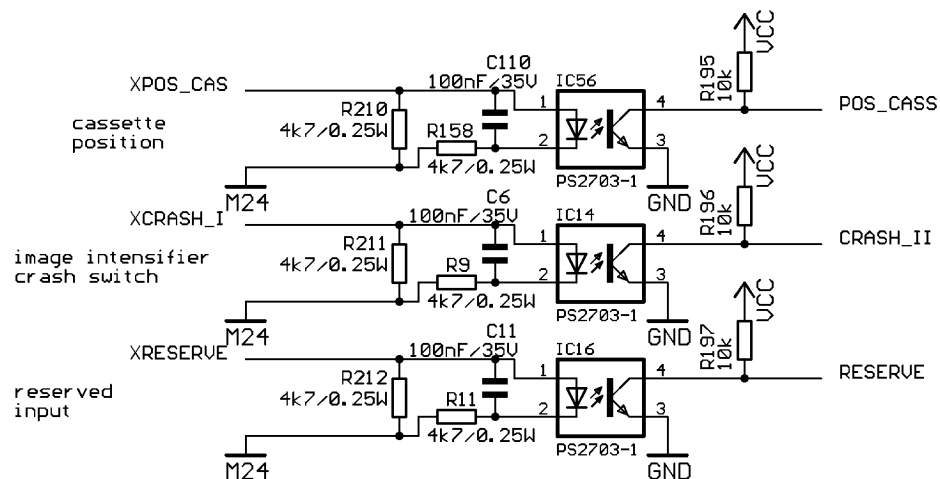
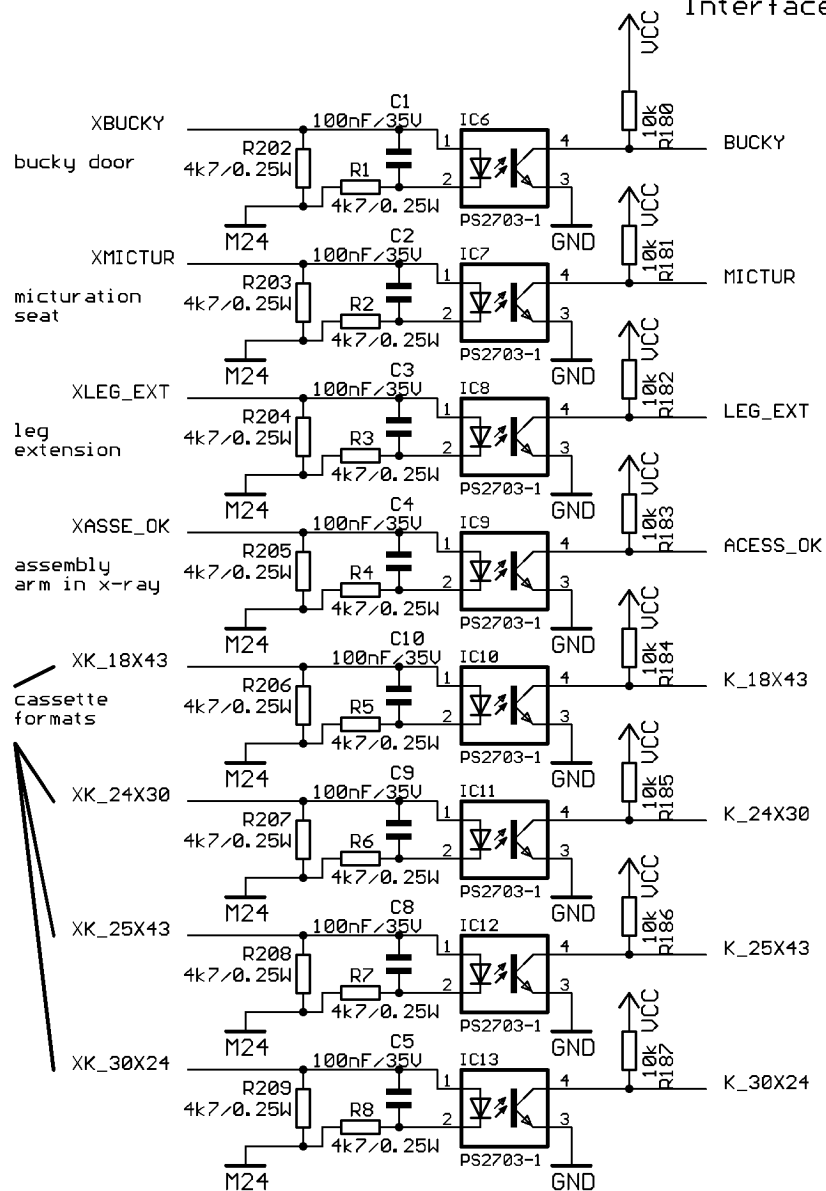
Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 8/21

Interface Table Top



Motron Steuersysteme GmbH
 Im Gewerbegebiet 6
 91093 Heppdorf

File: hp0116_2020_101

Projekt:

REV:

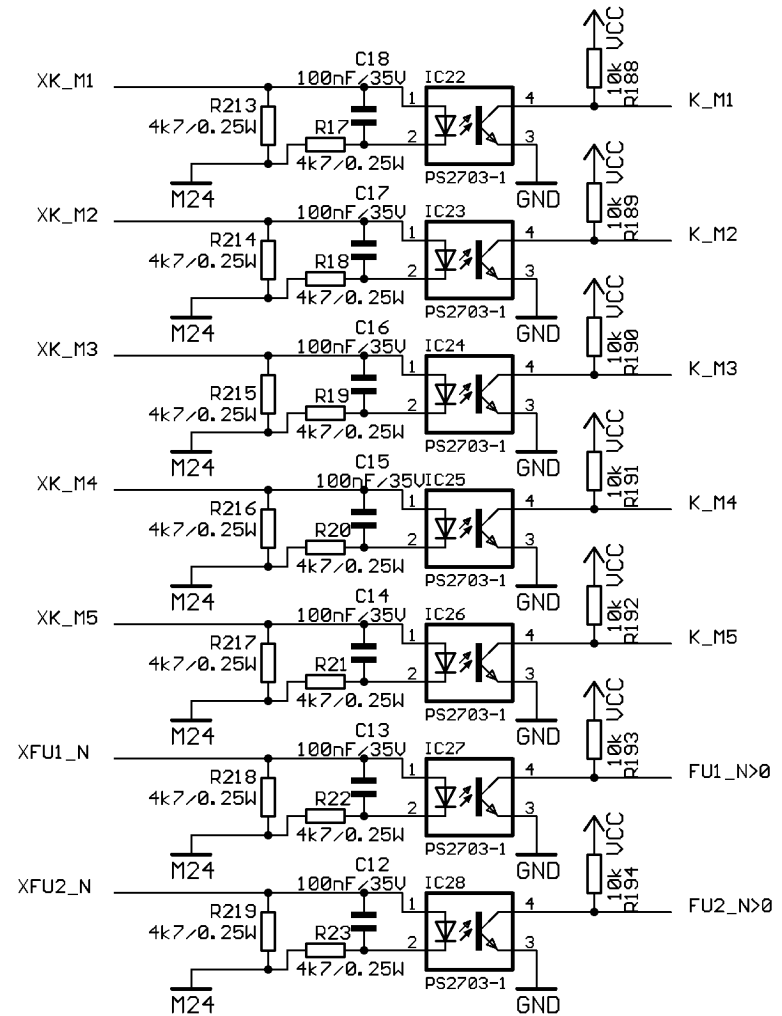
Datum: 08.08.2002 07:45:46

Seite: 9/21

Pinout diagram for ML16L connector:

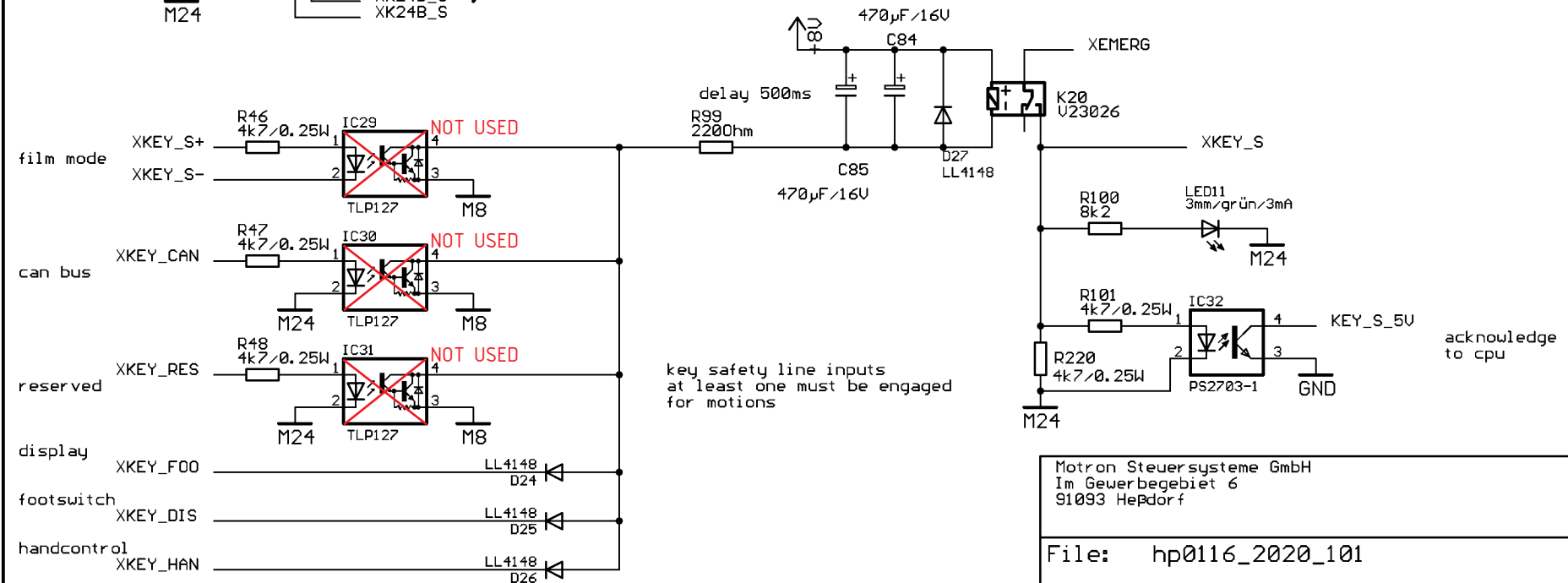
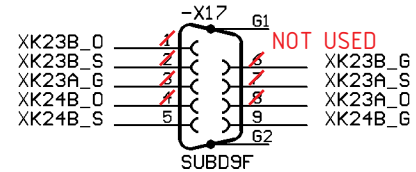
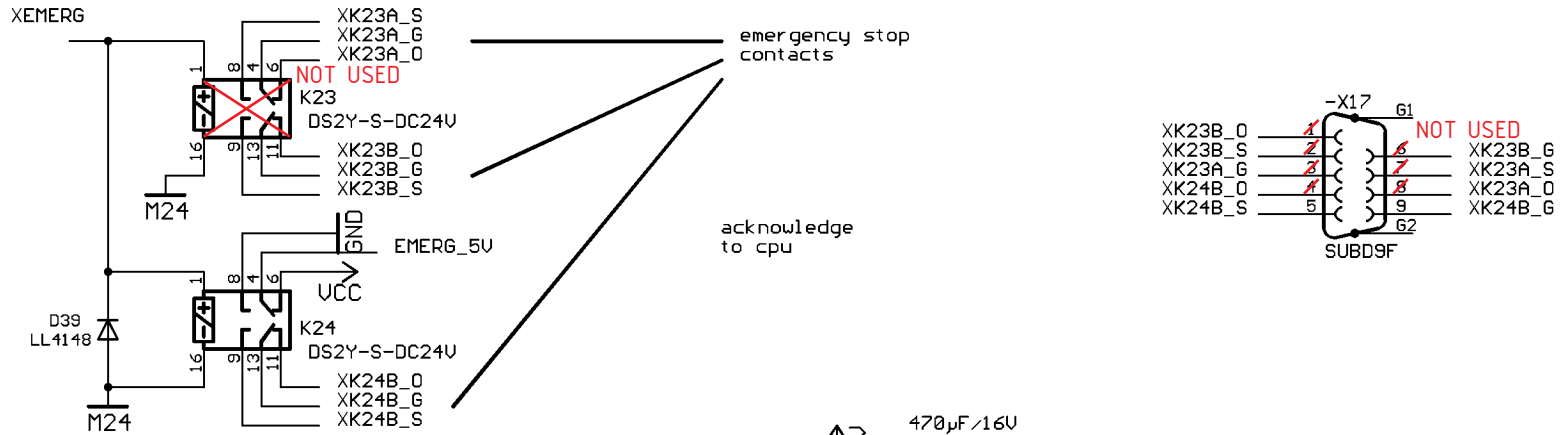
Pin	Signal
1	XM1
2	XK_M1
3	XM2
4	XK_M2
5	XM3
6	XK_M3
7	XM4
8	XK_M4
9	XM5
10	XK_M5
11	XKEY_S
12	XFU1_N
13	XEMERG
14	XFU2_N
15	
16	

Additional labels: M24, -X5, M24



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Emergency Stop/Key safety line



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File: hp0116_2020_101

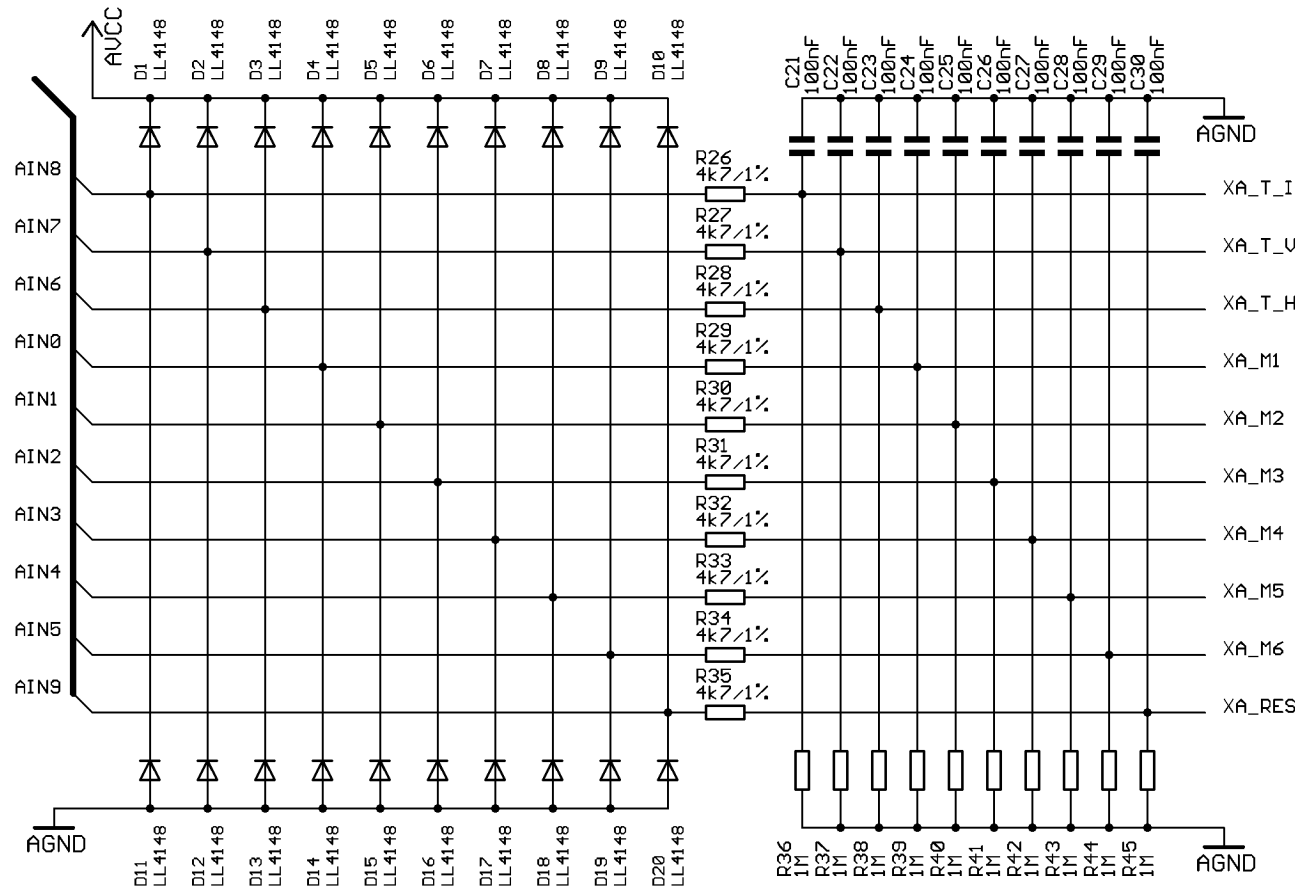
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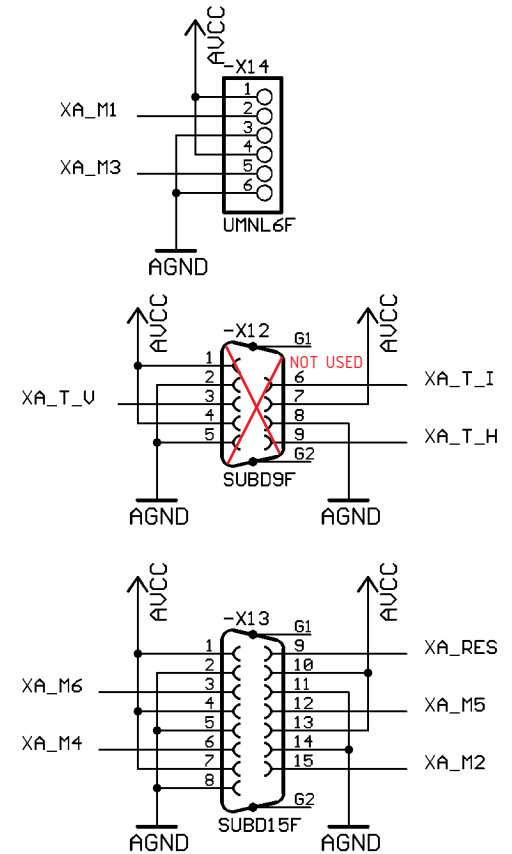
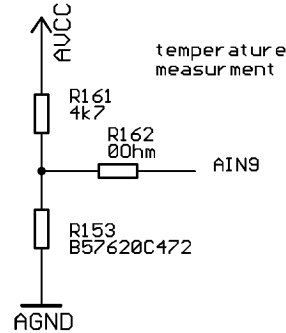
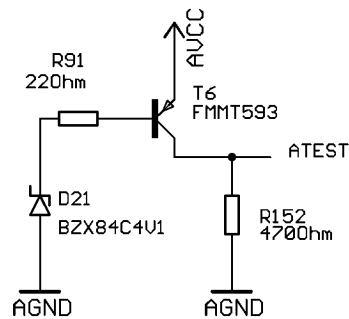
Datum: 08.08.2002 07:45:46

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Analog Inputs



low analog voltage
detection



Motron Steuersysteme GmbH
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File: hp0116_2020_101

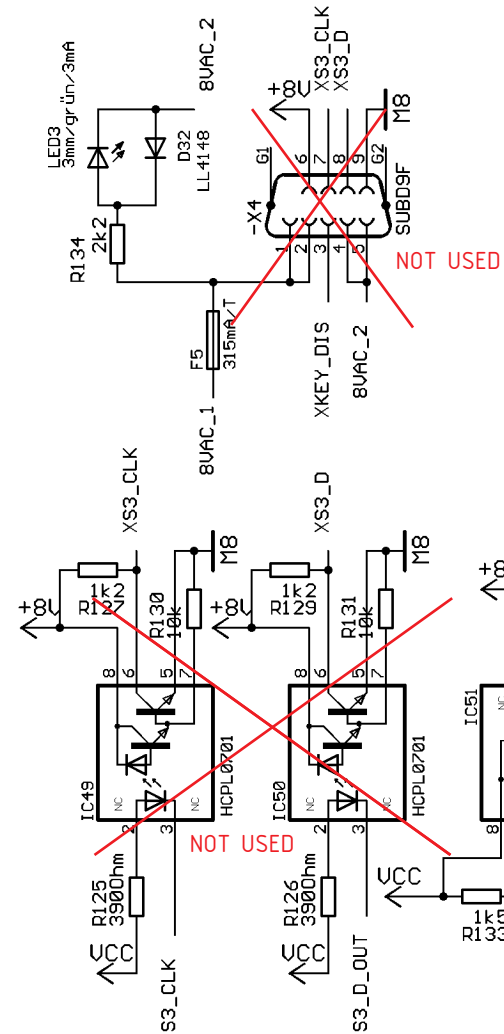
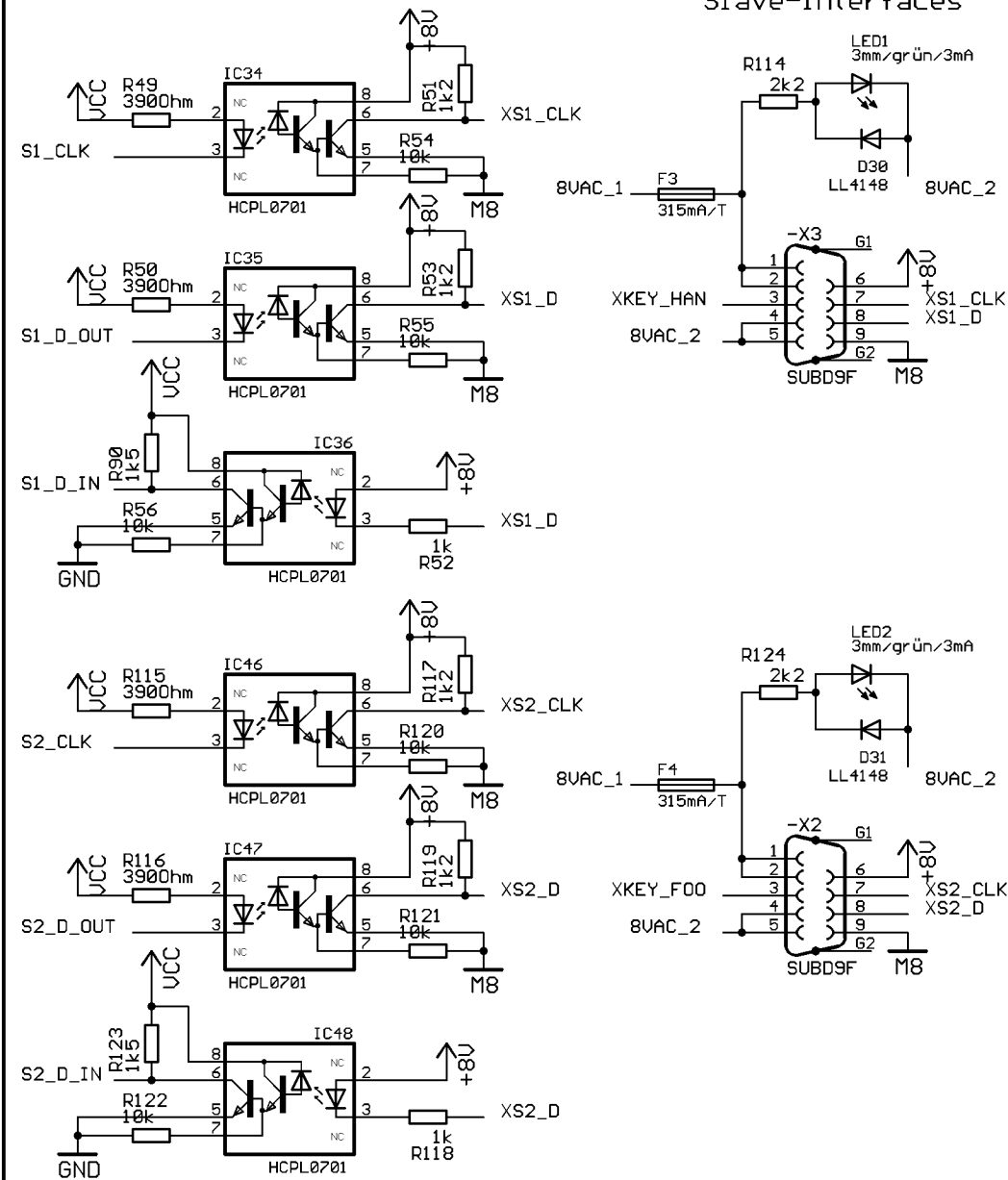
Projekt:

REV:

Datum: 08.08.2002 07:45:46

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Slave-Interfaces



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Im Gewerbegebiet 6
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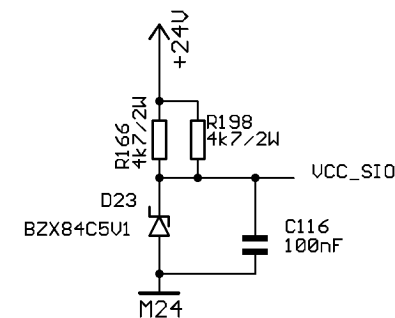
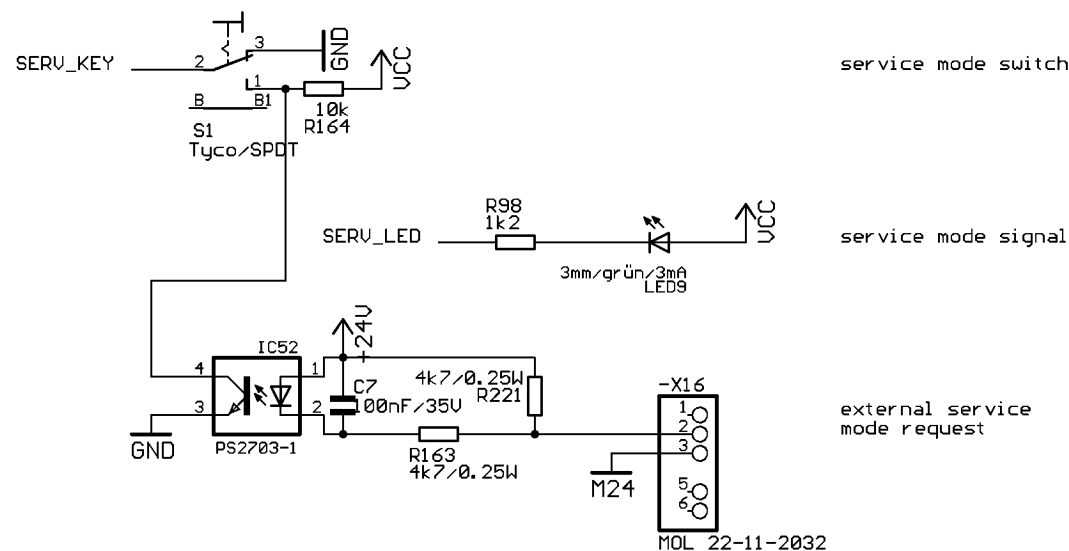
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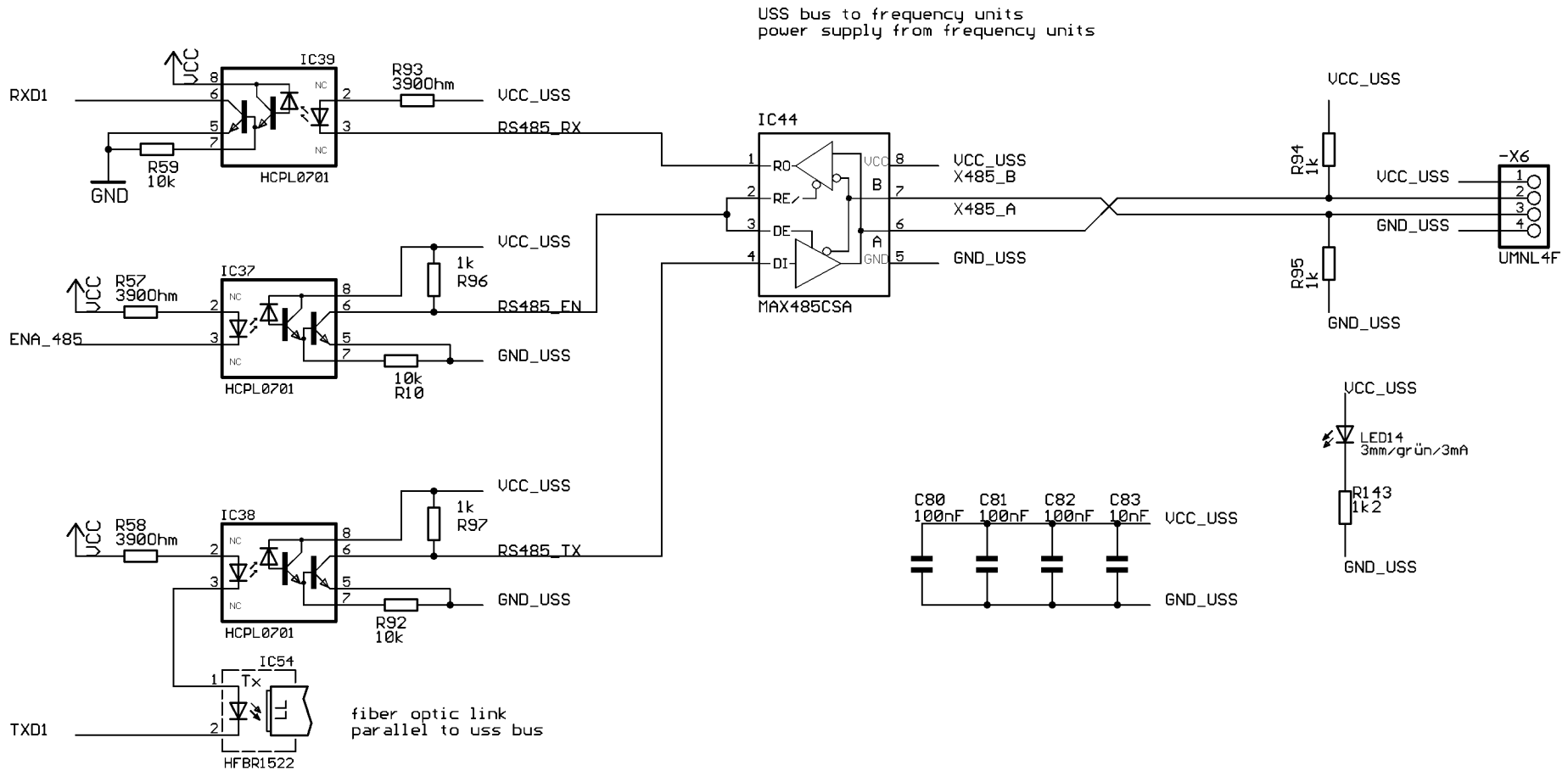
Datum: 08.08.2002 07:45:46

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Seite: 14/21

RS485-Bus /Fiberoptic



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File: hp0116_2020_101

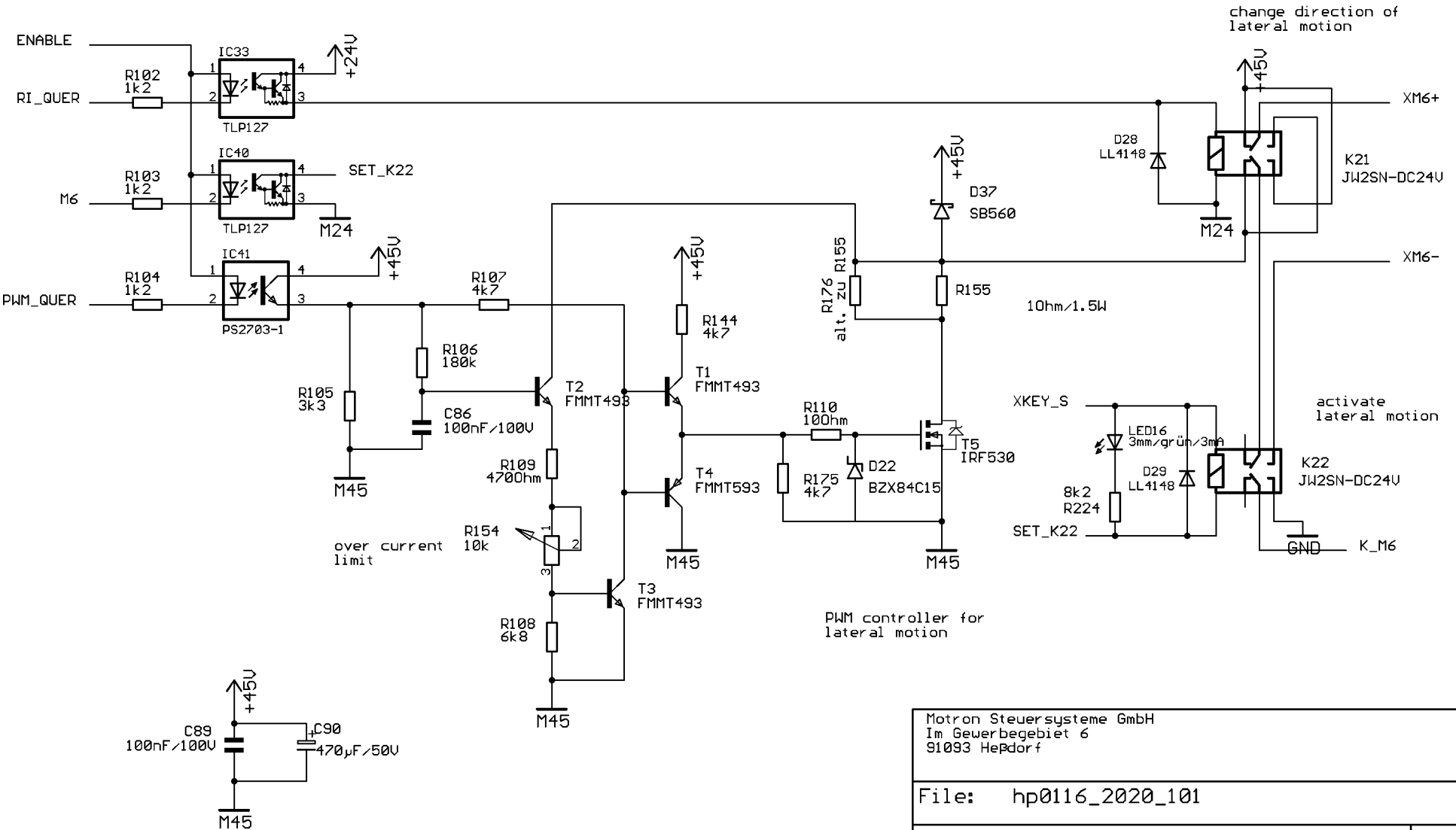
Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 15/21

Lateral Motion



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File: hp0116_2020_101

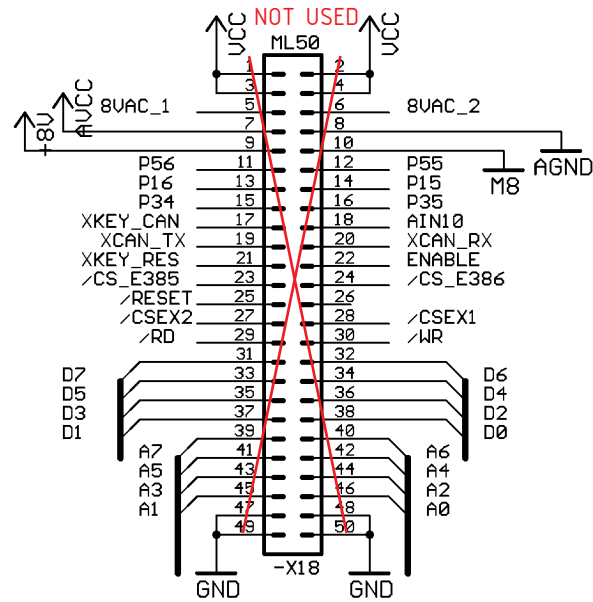
Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 16/21

Expansion Interface



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Im Gewerbegebiet 6
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File: hp0116_2020_101

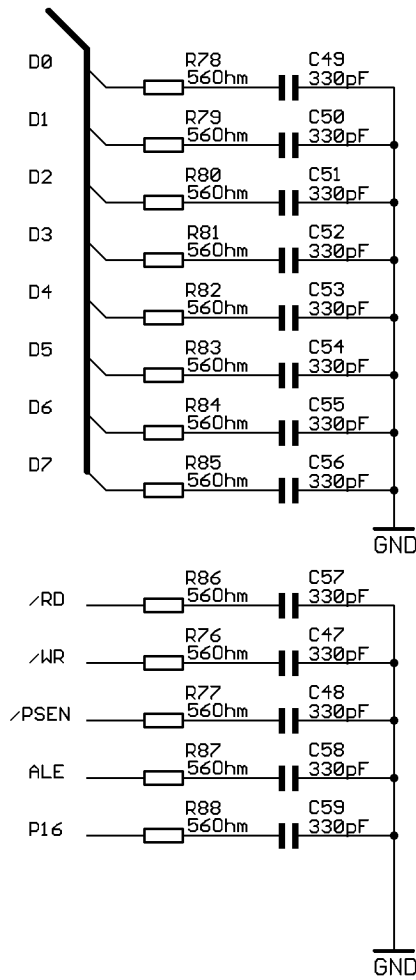
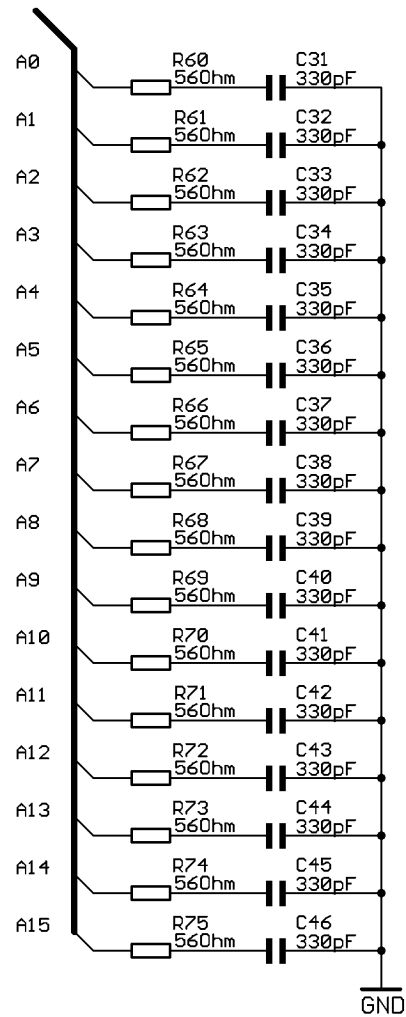
Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 17/21

Termination



Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heppdorf

File: hp0116_2020_101

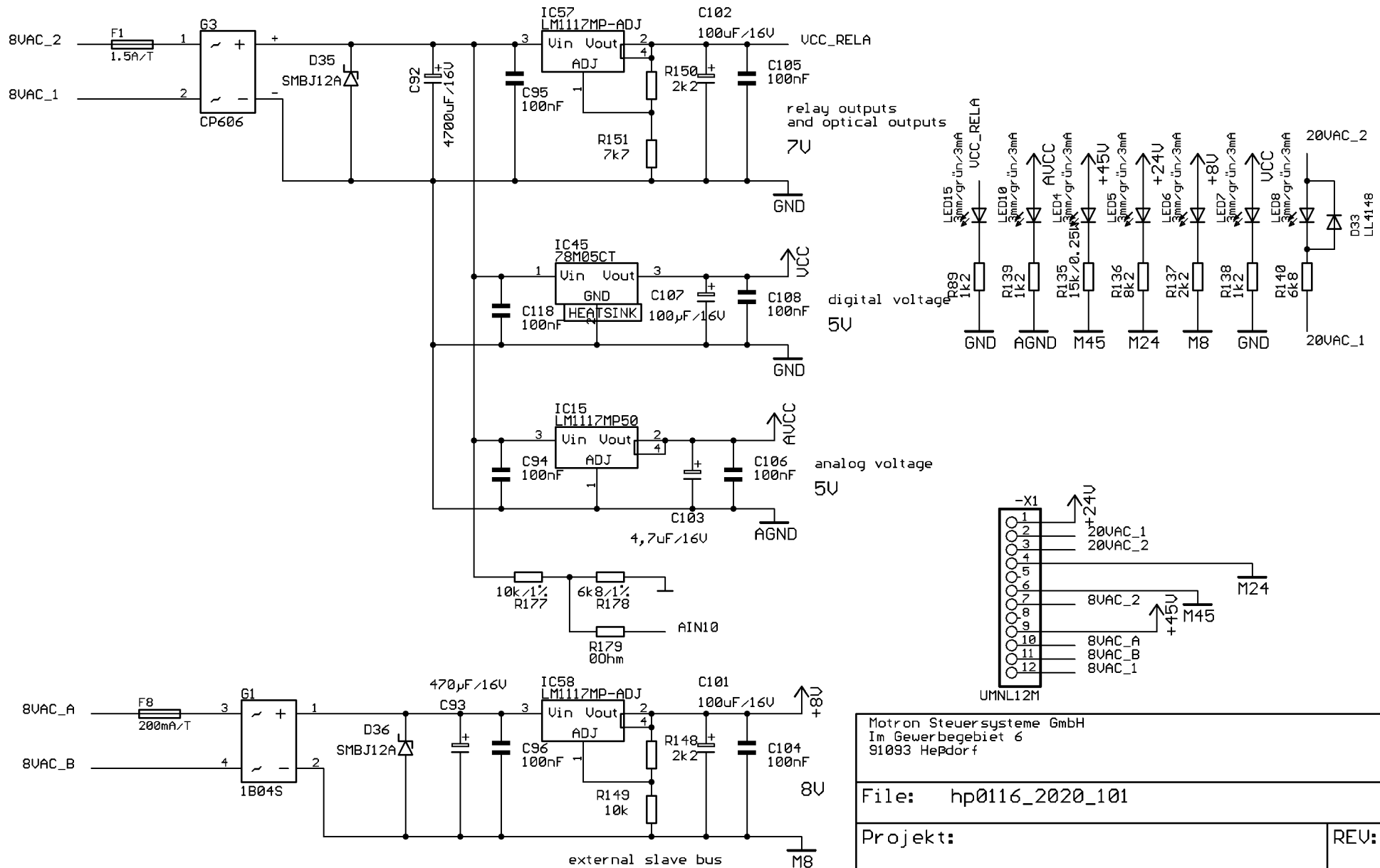
Projekt:

REV:

Datum: 08.08.2002 07:45:46

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Power supply



Motron Steuersysteme GmbH
Im Gewerbegebiet 6
91093 Heppdorf

File: hp0116_2020_101

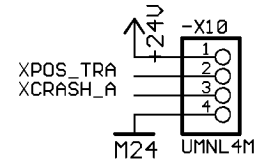
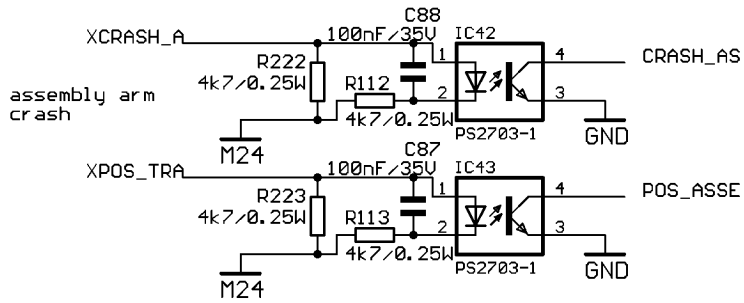
Projekt:

REV:

Datum: 08.08.2002 07:45:46

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Interface assembly arm



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File: hp0116_2020_101

Projekt:

REV:

Datum: 08.08.2002 07:45:46

Seite: 20/21

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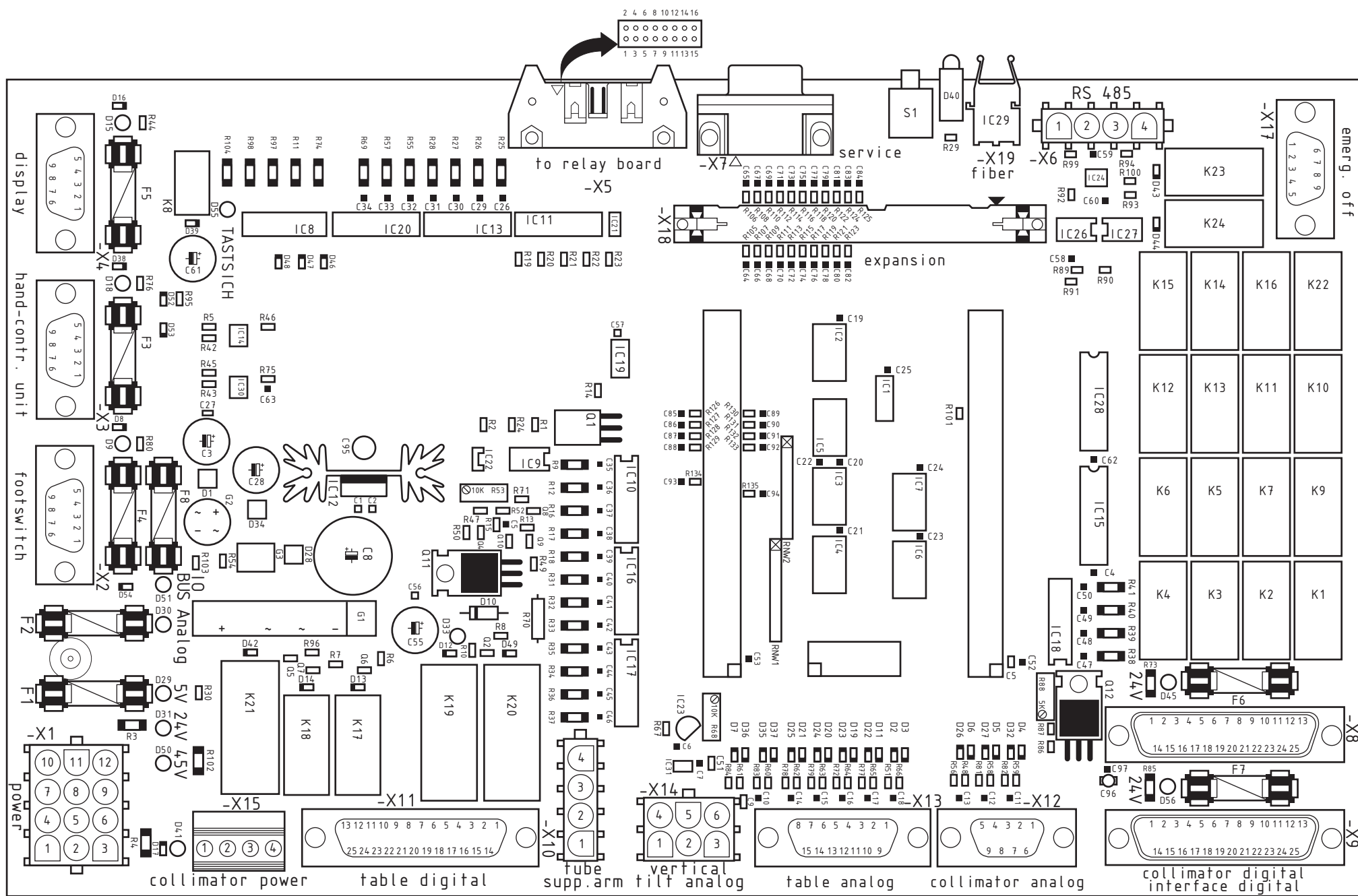
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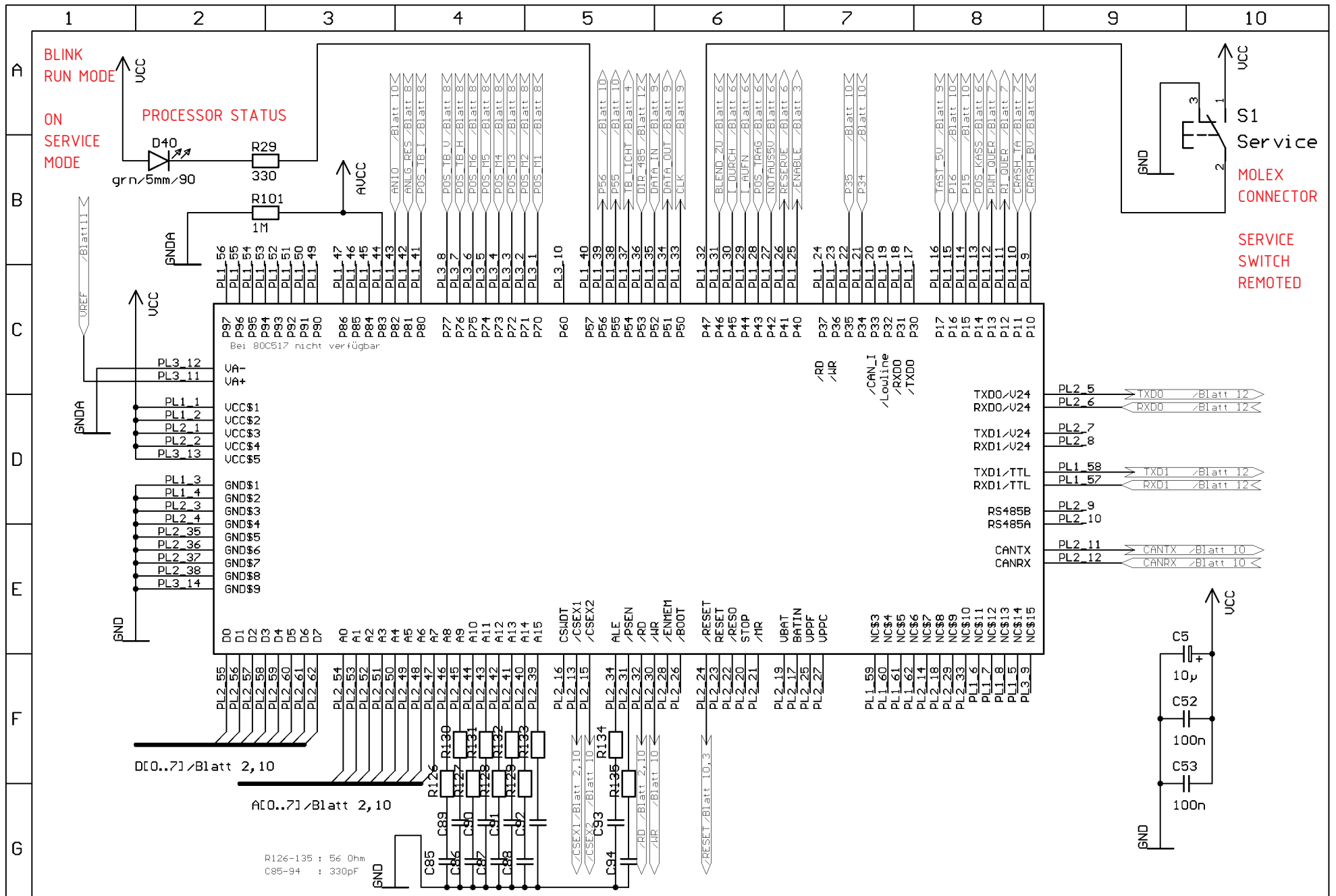
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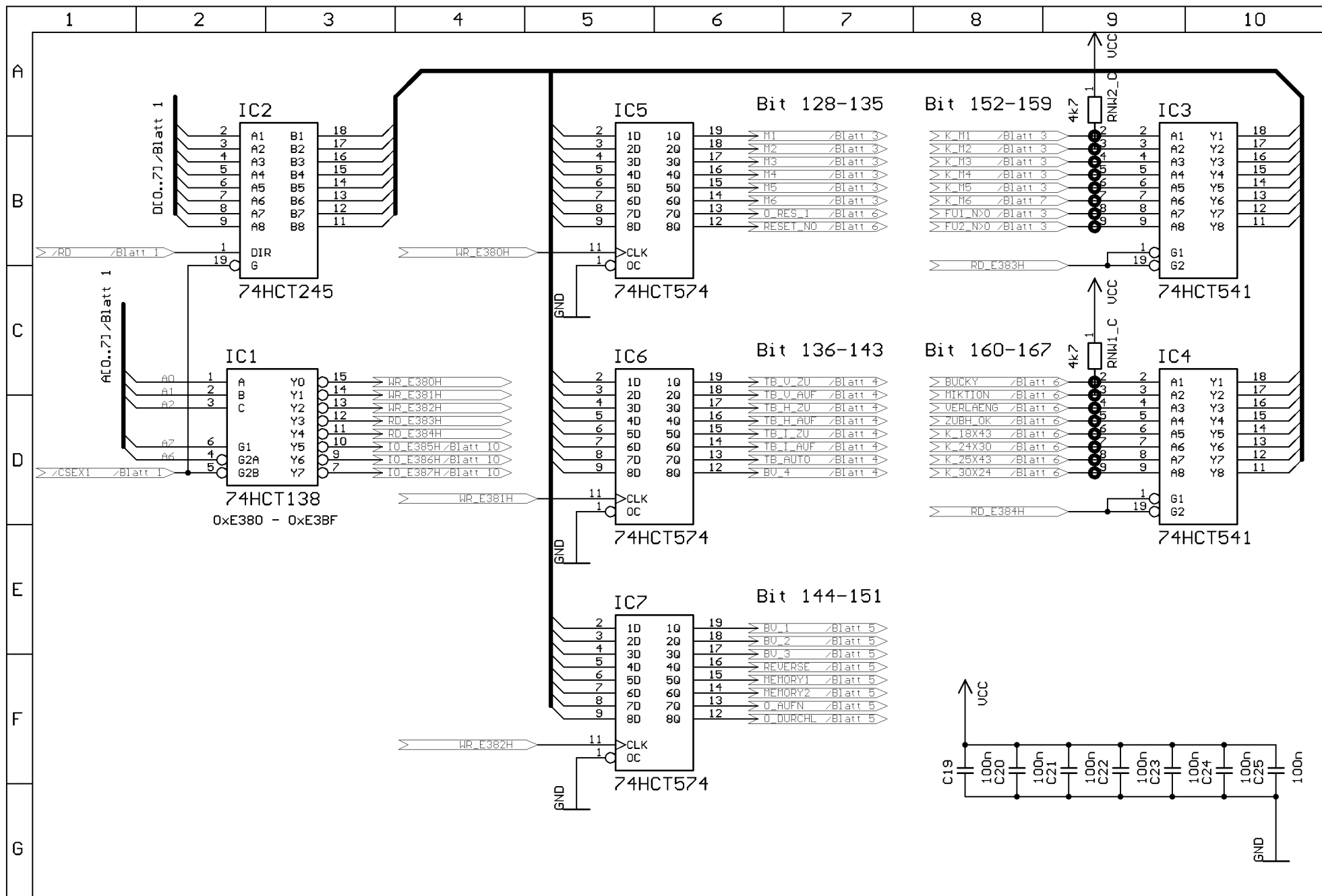
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Datum: 08.08.2002 07:45:46

Seite: 21/21







Datei: PLINHPT2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

IO-Decoder & Latches

Stand: 17.08.2000 16:20:40

Blatt: 2/13

ZN: hp 0116 2020

Datum: 17.07.97

Name: A.Eckstein

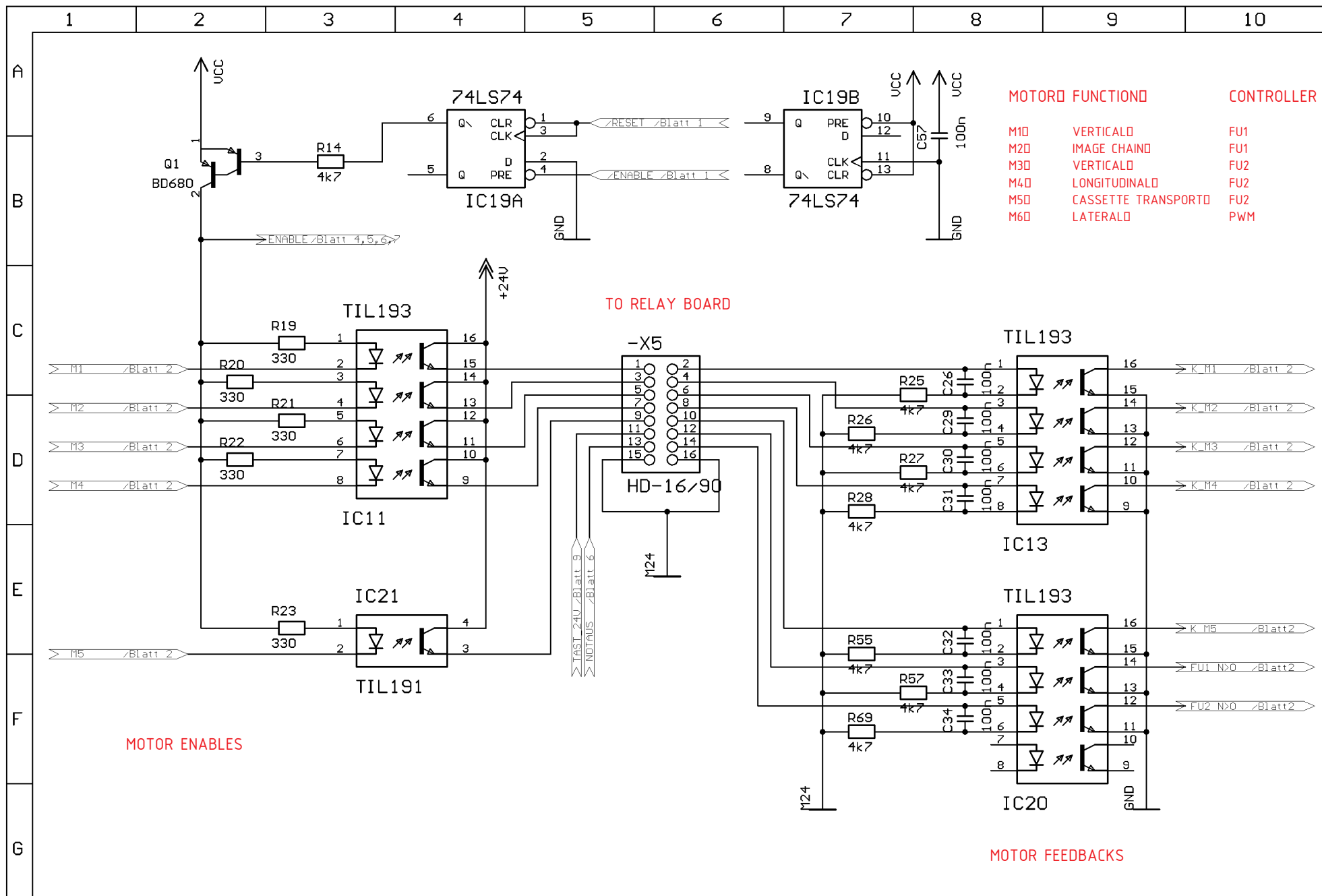
Ausgabestand

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Datei: PLINH~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Opto Schützplatte

Stand: 17.08.2000 16:20:40

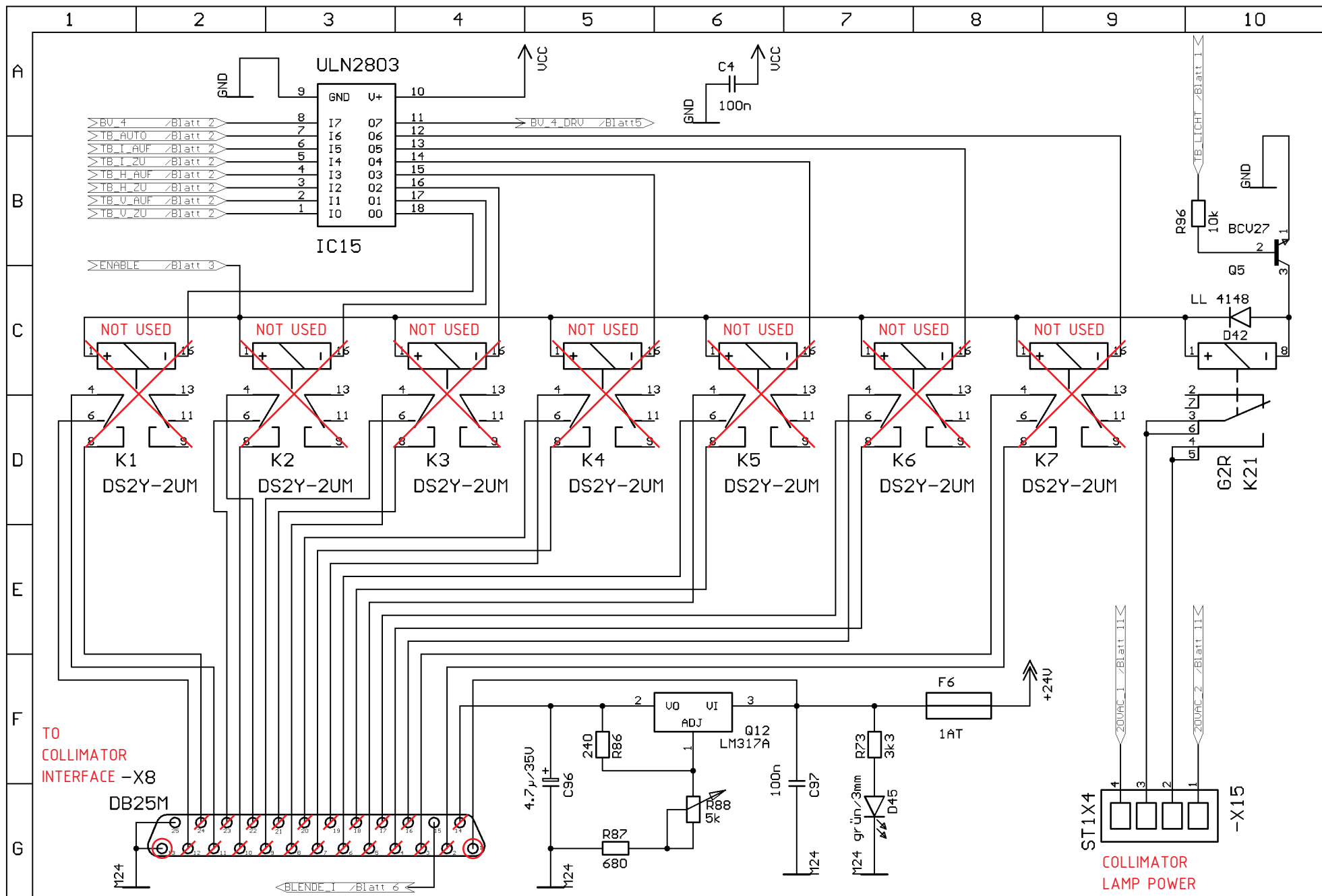
Blatt: 3/13

ZN: hp 0116 2020

Datum: 17.07.97

Name: A.Eckstein

Ausgabestand



Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Tiefenblende Digital

Stand: 17.08.2000 16:20:40

Blatt: 4/13

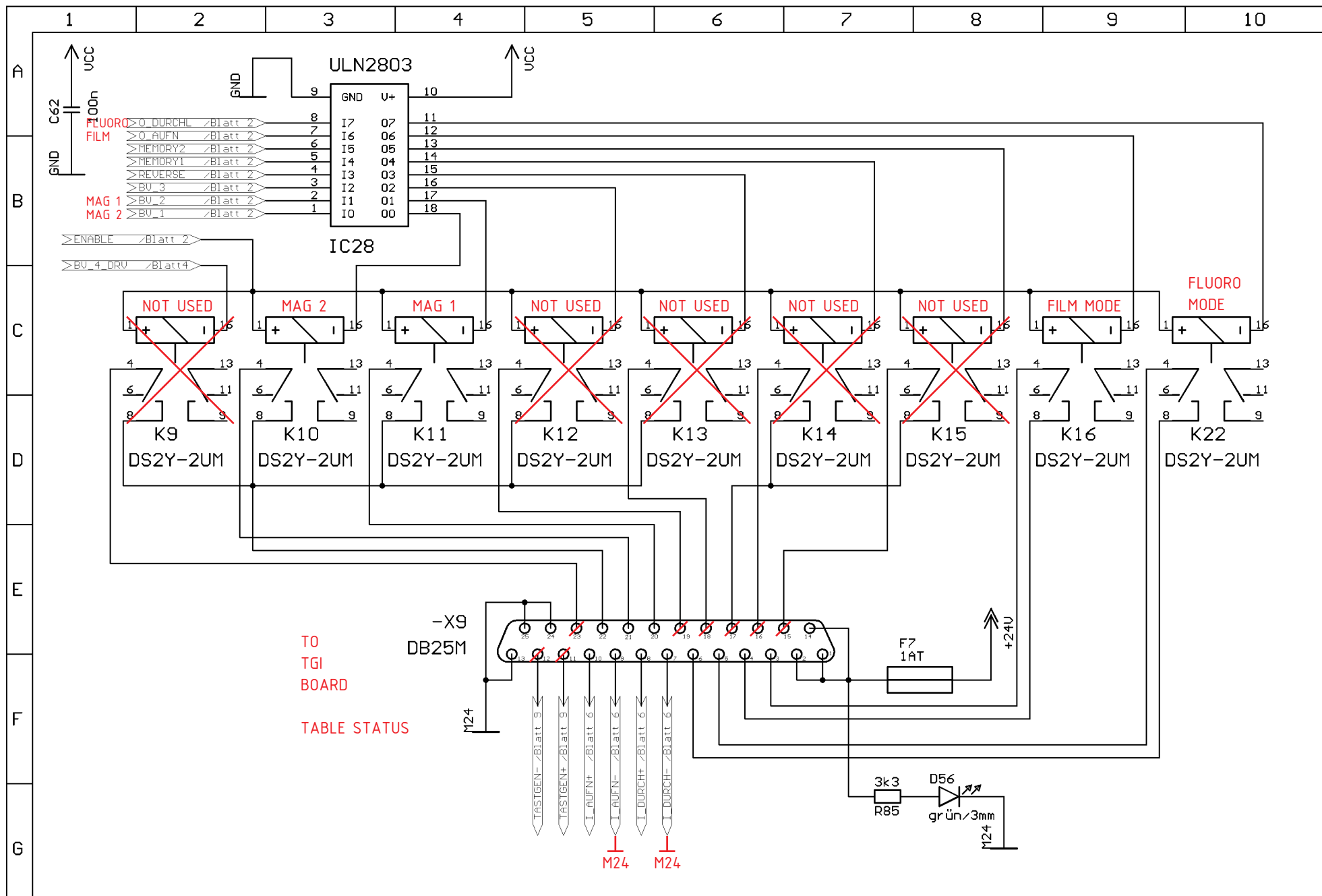
ZN: hp 0116 2020

Datum: 17.07.97

Name: A.Eckstein

Ausgabestand

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Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Interface Digital

Stand: 17.08.2000 16:20:40

Blatt: 5/13

ZN: hp 0116 2020

Datum: 17.07.97

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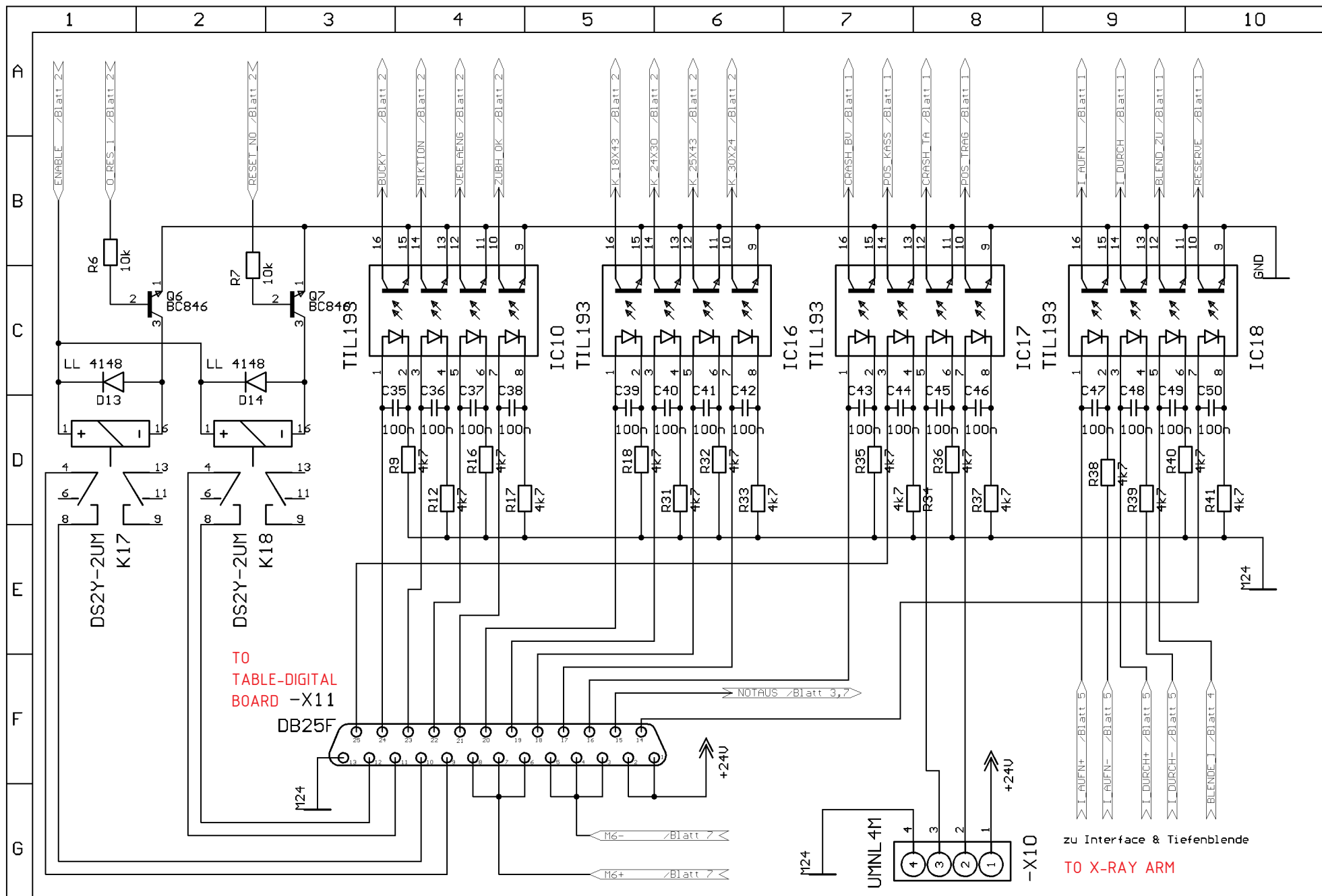
Ausgabestand

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Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Tisch Digital

Stand: 17.08.2000 16:20:40

Blatt: 6/13

ZN: hp 0116 2020

Datum: 17.07.97

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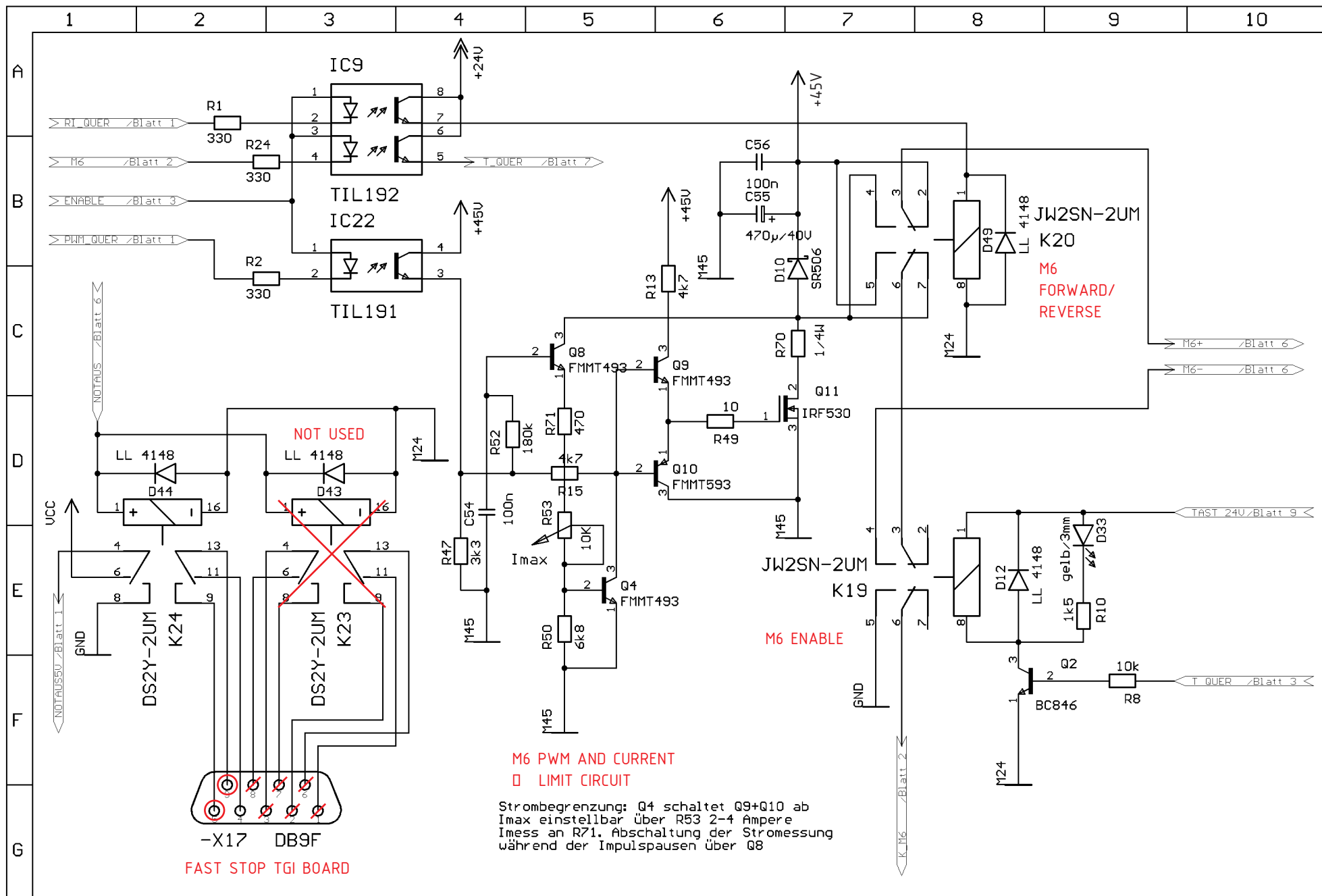
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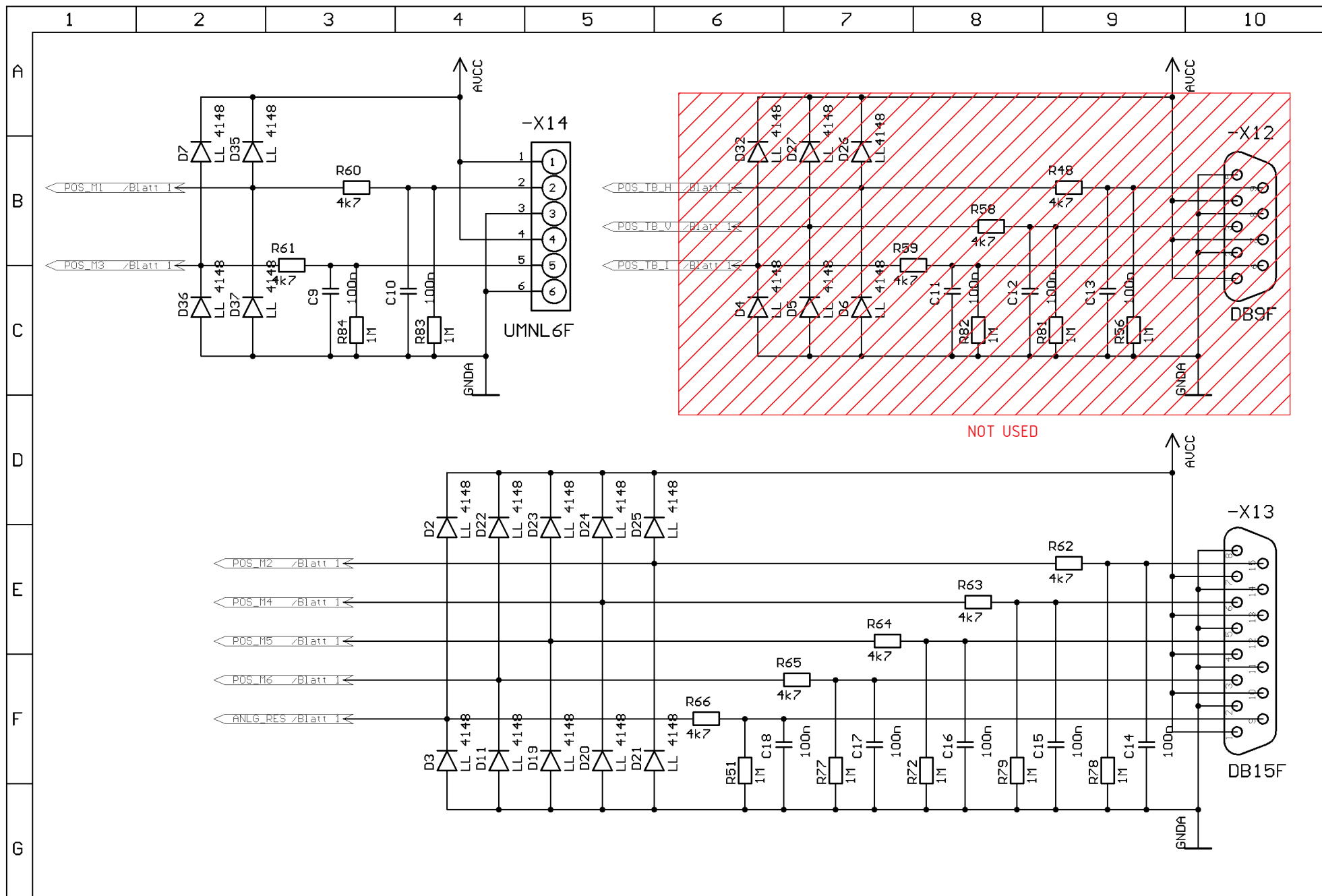
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Datei: PLINHP~2 Pfad: ..\URO3000\TECHNIK\ CPU\HARDWARE Kunde: Hans Pausch	MOTRON Steuersysteme GmbH	URO 3000		ZN: hp 0116 2020	Ausgabestand <input type="radio"/>
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Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Analogeingänge

Stand: 17.08.2000 16:20:40

Blatt: 8/13

ZN: hp 0116 2020

Datum: 17.07.97

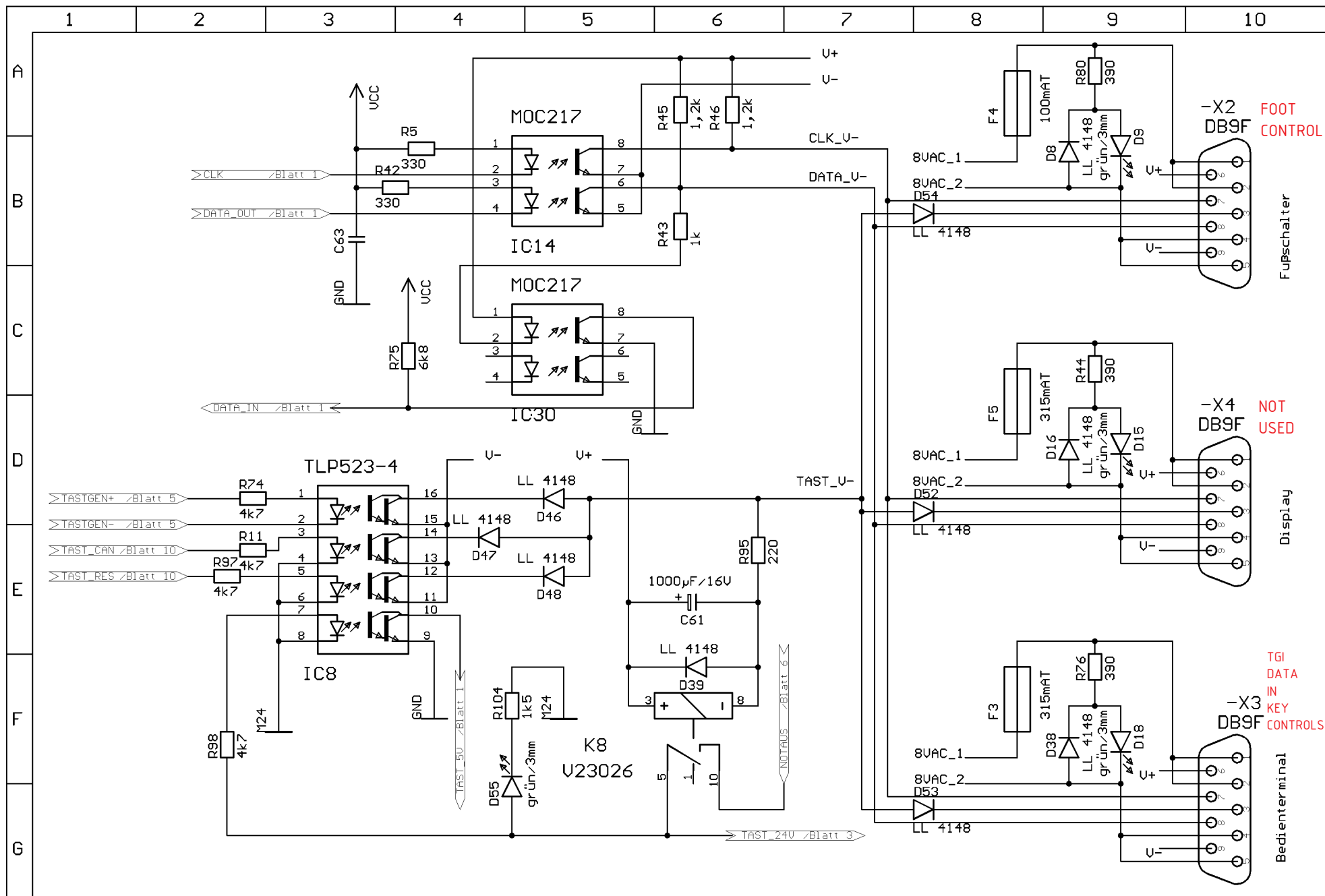
Name: A.Eckstein

Ausgabestand ☐

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Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Io-Bus + Tastensicherung

Stand: 17.08.2000 16:20:40

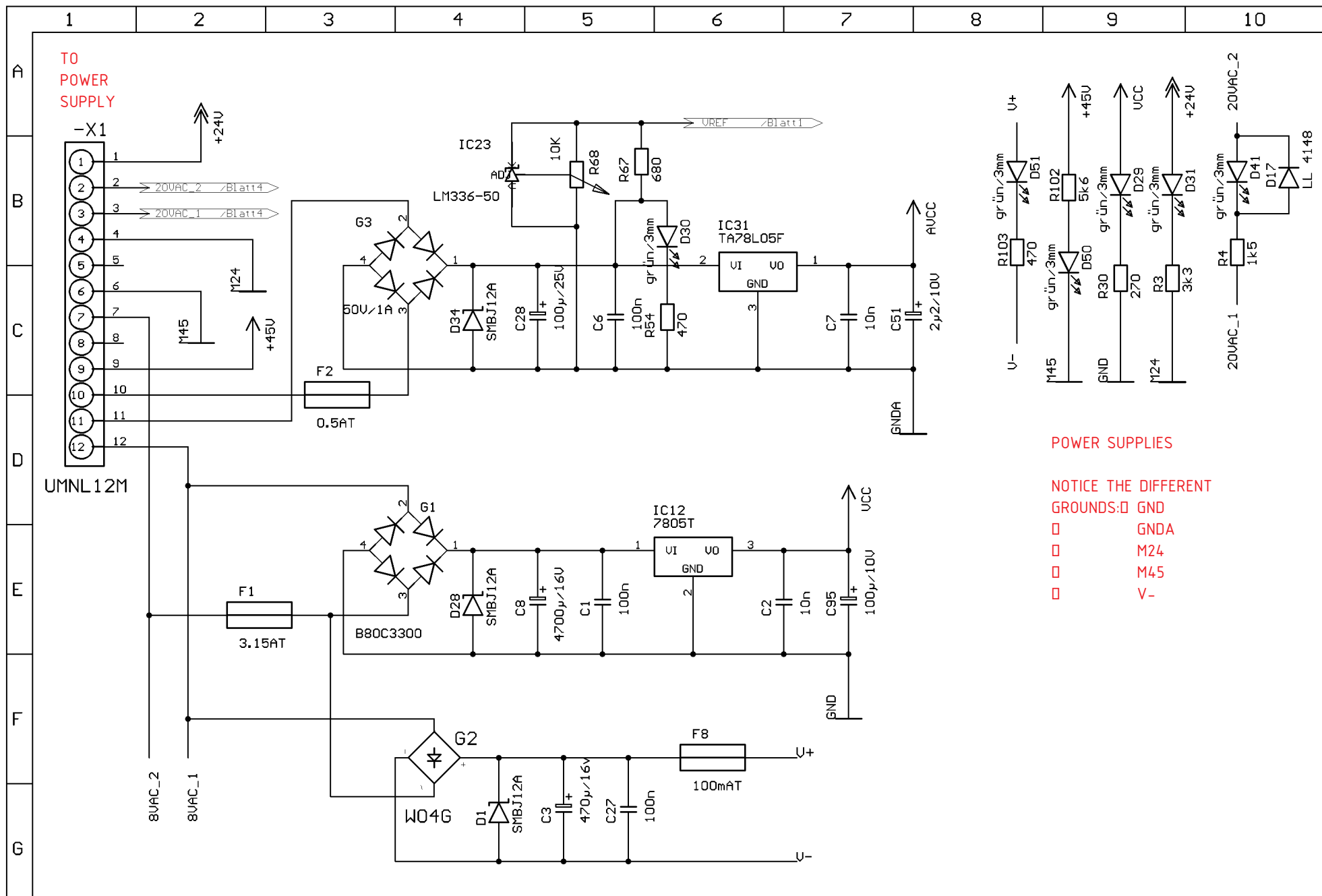
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ZN: hp 0116 2020

Datum: 17.07.97

Name: A.Eckstein

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Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Spannungsversorgung

Stand: 17.08.2000 16:20:40

Blatt: 11/13

ZN: hp 0116 2020

Datum: 17.07.97

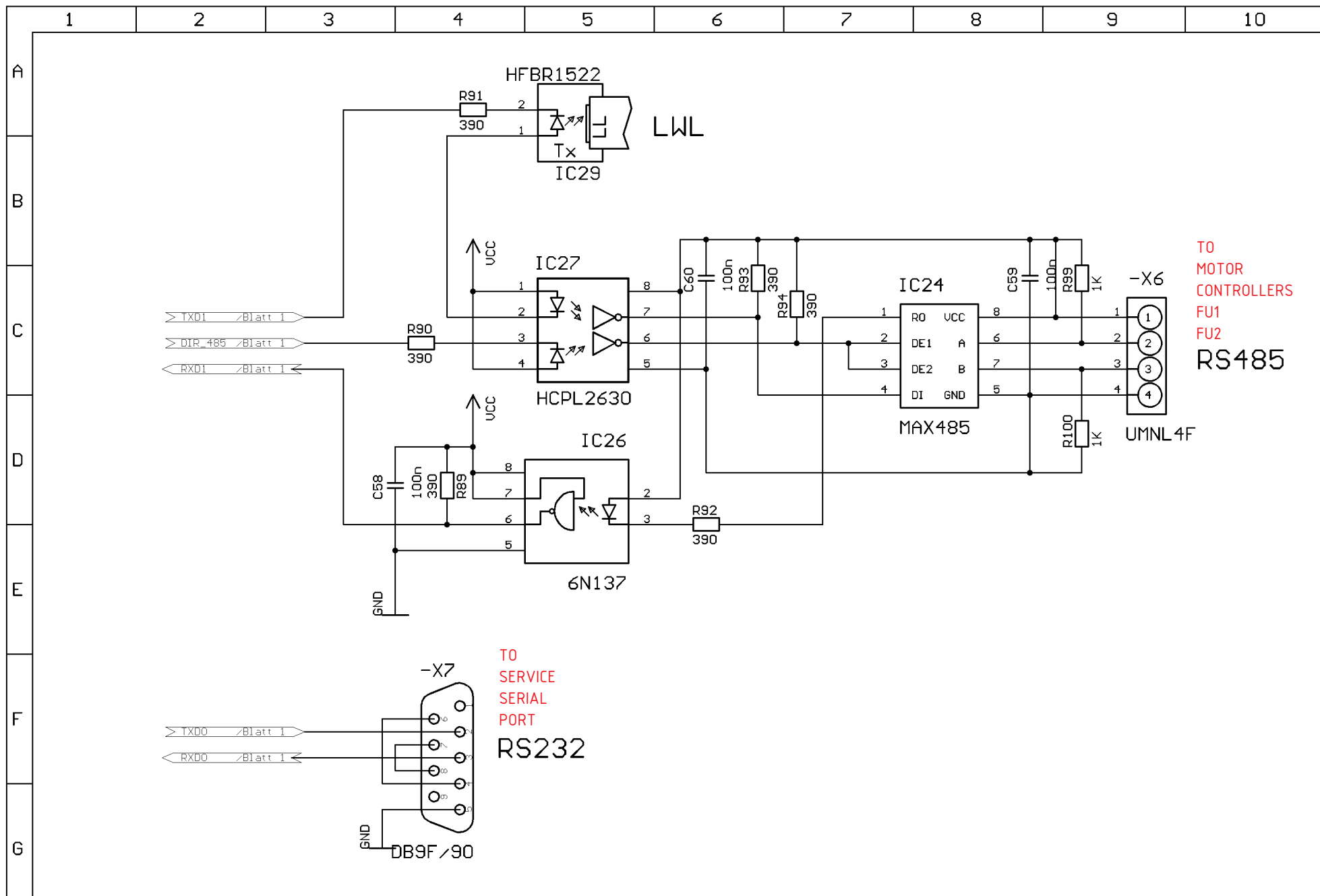
Name: A.Eckstein

Ausgabestand ☐

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Datei: PLINHP~2
 Pfad: ..\URO3000\TECHNIK\
 CPU\HARDWARE
 Kunde: Hans Pausch

MOTRON
 Steuersysteme GmbH

URO 3000

Serielle Schnittstellen

Stand: 17.08.2000 16:20:40

Blatt: 12/13

ZN: hp 0116 2020

Datum: 17.09.98

Name: A.Eckstein

Ausgabestand	
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<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>

	1	2	3	4	5	6	7	8	9	10
A	1. Notauskreis Masse -> +24V (10.5.98 AE)									
B	2. Kassettenantrieb M5 nur im Notauskreis nicht wie M1-M4 im Tastensicherungskreis. Änderung an der Steckerbelegung -X5 Pin 13. Früher Tastsich jetzt Notaus für M5. (14.7.99 AE)									
C	3. Strombegrenzung PWM-Endstufe überarbeitet. Neu: Shuntwiderstand, FET Umax 50V->100V -> neues Layout CPU38.BRD (13.8.99 AE)									
D	4. Layoutfehler (Leiterbahnkreuzung mit PWM Widerstand) -> neues Layout: CPU39.BRD. PWM-Shunt 1 Ohm -> 0.68 Ohm (9.9.99 AE)									
	5. PWM-Transistoren Q4,8,9,10, D10 getauscht Umax >50V (17.12.99 AE) Q4,8,9 BC 817-25 -> FMMT493 Q10 BC 807-25 -> FMMT593 D10 SB120 -> SR506 (5A/60V)									
E	6. 24V zusätzlich abgesichert. Einstellbare Spannung 8-24V für Tiefenblendenmotoren -> neues Layout: CPU40.BRD. R75 -> 6k8 R102 -> 5k6 R73, R85, R3 -> 3k3 R54 -> 470 -X6 -X10 entgegen Bestückungsdruck einlöten -X3 9polige Sub-D Buchse Layoutfehler: Q12/Pin 2 zum Poti aufkratzen -> Q12/Pin 1 umlöten (22.05.00 AE)									
F	7. IC8 TIL 193 -> TLP 523-4 CTR=500%									
G	Layout-Datei: hp 0116 2020.006.BRD									
Datei: PLINHP~2			MOTRON Steuersysteme GmbH		URO 3000			ZN: hp 0116 2020	Ausgabestand	<input type="radio"/>
Pfad: ..\URO3000\TECHNIK\ CPU\HARDWARE		Änderungen			Datum: 17.09.98	<input type="radio"/>	<input type="radio"/>			
Kunde: Hans Pausch		Stand: 17.08.2000 16:20:40			Blatt: 13/13	Name: A.Eckstein	<input type="radio"/>	<input type="radio"/>		